

# **Teacher Resource Guide 2013-2014**

A Guide to Educational Materials  
About Agriculture



California Foundation for  
Agriculture in the Classroom

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## **Publisher**

California Foundation for Agriculture in the Classroom (CFAITC)

## **Editors**

Shaney Emerson  
Renee Hyatt

## **with assistance from**

CFAITC's Resource Review Committee, which includes agriculturalists, educators, technical experts, CFAITC staff, and other interested individuals who encourage the agricultural literacy of today's youth.

*The California Foundation for Agriculture in the Classroom, a not-for-profit 501(c)(3) organization, provides educators with low cost and free materials, training, and information to promote student understanding of California agriculture.*

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# How to Use This Book

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**How can I connect my students to the world around them?**

**How can I make my lessons meaningful to my students?**

**How can I make my lessons fun and exciting?**

## **Use lessons that relate to AGRICULTURE!**

Materials for teaching about agriculture are plentiful. The 2013-2014 *Teacher Resource Guide* provides you with a variety of resources to use with your students. Take a look inside. We are certain you will find an abundance of useful resources!

The *Teacher Resource Guide* is divided into four sections:

**Section 1: California Foundation for Agriculture in the Classroom Programs, Services, and Instructional Materials**

Provides information about conferences, teacher programs, newsletters, and lesson plans provided by California Foundation for Agriculture in the Classroom (CFAITC).

**Section 2: Educational Resources About Agriculture**

Lists resources from various entities on specific topics and commodities. Contact these organizations regarding the resources listed, or ask representatives specific questions about their subject matter.

**Section 3: Additional Agricultural Facts and Information**

Includes county agricultural information, field trip ideas, phone numbers, a reproducible California agriculture quiz, and more!

**Section 4: Agriculture-Related Books and Websites**

Includes an annotated book list and a guide to agricultural websites.

### **Visit Us Online**

Visit [www.LearnAboutAg.org/trg](http://www.LearnAboutAg.org/trg) to download all of CFAITC's materials and to search for resources, books, grants, and websites.

As always, California Foundation for Agriculture in the Classroom (CFAITC) likes to hear from individuals who use our resources. An evaluation form and a resource recommendation page are located at the back of this guide. Please complete and return these forms to help us make the next edition of the *Teacher Resource Guide* better than ever! These pages also include an order form for the next edition of the *Teacher Resource Guide*. We look forward to sending you the next edition!

**Thank you for your interest in educating others about agriculture!**

# **Section 1**

## **California Foundation for Agriculture in the Classroom Programs, Services, and Instructional Materials**



California Foundation for  
Agriculture in the Classroom

CFAITC Introduction  
CFAITC Programs  
CFAITC Instructional Materials  
CFAITC Instructional Materials Order Form



# An Introduction to California Foundation for Agriculture in the Classroom

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## **What is Agriculture in the Classroom (AITC)?**

Agriculture in the Classroom is designed to help kindergarten through twelfth grade students acquire the knowledge necessary to become agriculturally literate. Through various programs and resources, educators are encouraged to incorporate agriculture into their subjects and lessons, and to point out the important role it plays in our economy, society, and daily lives. Agriculture in the Classroom relies on the cooperation of representative farm and agricultural organizations, educators, the California Department of Food and Agriculture, the California Department of Education, California Department of Public Health, and the United States Department of Agriculture. Agriculture in the Classroom programs are currently functioning in every state and in many U.S. Territories.

## **What is California Foundation for Agriculture in the Classroom (CFAITC)?**

California Foundation for Agriculture in the Classroom (CFAITC) is a 501(c)(3) not-for-profit organization that provides educators with quality free and low cost materials, training, and information to promote student understanding of California agriculture.

## **Why is it important to teach my students about agriculture?**

Although less than two percent of our nation's population is directly involved in agriculture production, a healthy agricultural industry is vital to all of us, every day. Agriculture provides the basic necessities of food, clothing, and shelter, yet many of us take for granted the availability of these items. As residents of the most agriculturally productive state in the nation, we believe students should have a basic understanding of agriculture's important economic impact in California, the United States, and the world.

## **Do other teachers use CFAITC?**

From classroom teachers to administrators, educators at all levels utilize and support CFAITC in both rural and urban areas. In fact, CFAITC is now represented in 40 percent of California's schools.

## **How do I get started?**

Numerous resources about agriculture are available to you at no cost. Start a small resource kit by ordering materials in this *Teacher Resource Guide*. Try some CFAITC lesson plans and order posters to inspire your students. Sign up to receive *Cream of the Crop*, CFAITC's e-newsletter for educators. Have your students research one aspect of agriculture and enter CFAITC's *Imagine this...* Story Writing Contest. Contact the Foundation or your local county Farm Bureau for educational materials and programs in your area. Visit our website at [www.LearnAboutAg.org](http://www.LearnAboutAg.org) to learn more about us!

## **Where can I go for additional help?**

Contact CFAITC to find local educators who are using Agriculture in the Classroom materials in their classrooms, subscribe to CFAITC's e-newsletter, *Cream of the Crop*, at [www.LearnAboutAg.org/cotc](http://www.LearnAboutAg.org/cotc) and watch for announcements of upcoming events, attend the annual California AITC Conference, and participate in other CFAITC teacher programs.

# CFAITC Programs

## Annual Programs

California AITC Conference  
*Imagine this...* Story Writing Contest  
 Literacy for Life Grants and Awards  
 University Student Teacher Program

## Classroom Resource Materials

CFAITC Website ([www.LearnAboutAg.org](http://www.LearnAboutAg.org))  
 Resources for Every Season CD  
 Kids' Corner Website ([kids.LearnAboutAg.org](http://kids.LearnAboutAg.org))  
*Teacher Resource Guide*  
*What's Growin' On?* Student Newspaper  
 Lesson Plans and Curriculum  
 Agricultural Fact and Activity Sheets  
 Ag-Bites and WE Garden Activities

## Keep in Touch

*Cream of the Crop* E-newsletter  
 The FencePost Blog  
 Facebook, Twitter, and YouTube

For More Information Contact:

California Foundation for Agriculture in the Classroom  
 2300 River Plaza Drive, Sacramento, CA 95833-3293  
 (916) 561-5625 ☎ (800) 700-AITC (2482)  
 Fax: (916) 561-5697  
 E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
 Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

Name \_\_\_\_\_

- Send me a CFAITC Teacher Resource Packet.  
 Update my contact information as completed here.

Please send materials to my:  Home  School

School Name \_\_\_\_\_

### I teach:

- K  1  2  3  4  
 5  6  7  8  9  
 10  11  12  13  14  
 15  16  
 After school  Home school

School Mailing Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

School Phone \_\_\_\_\_

School District \_\_\_\_\_

### Subjects:

- Math  Resource Teacher  Special Ed  
 Science  Social Studies  Language Arts  
 Fine Arts  Foreign Language  Vocational  
 Nutrition  Multiple Subject

County \_\_\_\_\_

Home Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone \_\_\_\_\_

E-mail \_\_\_\_\_

- Enroll me in the monthly educator e-newsletter,  
*Cream of the Crop.*



# Imagine this...

## Story Writing Contest

**Attention third through eighth grade students:  
You could be a published author!**

Write a creative story about your favorite agriculture topic and submit it to the *Imagine this...* Story Writing Contest for the chance to be selected as one of six state-winning authors! Stories will be illustrated by high school art students and published into a book that is used throughout the state to teach students about agriculture. Visit [www.LearnAboutAg.org/imaginethis](http://www.LearnAboutAg.org/imaginethis) for more information.

Prizes include:

- E-reader
- Expense-paid trip to Sacramento for you, your parents, and your teacher to attend awards ceremony
- Engraved plaque
- Agriculture-related book

**Contest Deadline:  
November 1, annually**



## California Agriculture in the Classroom Conference

California Foundation for Agriculture in the Classroom (CFAITC) hosts an annual teacher conference that includes a wide-range of exciting and informative roundtable sessions, workshops, special events, exhibits, specialized field trips, and more. This agriculturally themed conference provides teachers with free resources and valuable avenues for factually accurate and teacher-tested curriculum, support for nutrition education, and agricultural awareness for every grade level.

Conference attendees will learn new skills, have the opportunity to network with industry professionals, and discover exciting resources that will connect California students to the industry that provides our daily needs.



**We'll see you there!**

## University Student Teacher Program

These workshops, offered through college credentialing programs, introduce student teachers to agricultural literacy and its many possibilities in today's classroom. Workshops provide:

- Lesson plans with an agricultural theme for subjects already being taught at elementary and secondary levels.
- Classroom applications of ag awareness projects and activities.
- Teacher-developed, field-tested materials correlated with California Curriculum Frameworks.

## Literacy for Life Grants and Awards

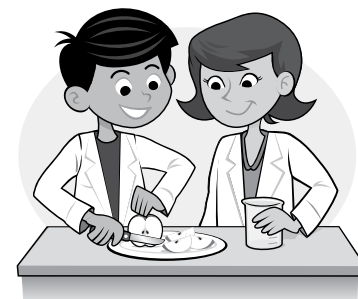
Literacy for Life Grants and Awards, sponsored by the Oreggia Family Foundation, are designed to initiate new projects or expand existing classroom projects that promote agricultural literacy. Funds are provided to California educators to support the integration of agriculture into regular classroom instruction.



The Literacy for Life Grants will award up to 25 grants with a maximum of \$500 each. One exceptional applicant from all applications submitted will receive

an additional \$1,000 award. This educator will also be named the Foundation's "Outstanding Educator of the Year."

**Applications Deadline: October 1, annually**



# CFAITC Instructional Materials

## Subject Matter Matrix

	Grade Level	Science	Mathematics	Reading/Language Arts	History/Social Science	Health/Nutrition	Visual/Performing Arts
Ag-Bites	K-12	•	•	•	•	•	•
A Garden Plot: The Tale of Peter Rabbit	K-1	•		•			
California Agriculture: Farming is Everywhere Coloring Book	K-2	•	•	•			•
Tomato Trivia	K-3	•	•	•			
WE Garden	1-6	•	•	•		•	
Red Imported Fire Ants: Facts About These Interesting Insects	2-3	•	•	•	•		
What Do Plants Need to Grow?	2-4	•	•	•		•	
Simple and Complex Machines in Agriculture	2-5	•	•	•			•
“Steer” Toward STEM: Careers in Animal Agriculture	3-5	•	•	•		•	
Edible Numbers	3-6	•	•			•	•
That Was Then, This Is Now	3-6		•	•			
<i>Imagine this...</i> Stories Inspired by Agriculture	3-8			•			•
Kids’ Corner Website	3-8	•	•	•		•	
What’s Growin’ On?	3-8	•	•	•	•	•	•
Science Fair and Lesson Ideas	3-12	•					
CROP Circles	4-6		•				
Fruits and Vegetables for Health	4-6	•	•	•	•	•	
Milk Matters: Discovering Dairy	4-6	•	•	•	•	•	•
Presidential Turkey Activity Guide	4-6	•	•	•	•	•	
What’s Bugging You?	4-6	•	•	•	•		•
A “Sour” Subject	5-6	•	•	•			
Food Safety: From Farm to Fork	5-7	•	•	•		•	
Where’d You Get Those Genes?	5-7	•	•	•	•		•
Agricultural Fact and Activity Sheets	6-12	•		•	•	•	
From Genes to Jeans	7-9	•		•			•
Chemistry, Fertilizer and the Environment	8-12	•	•	•			
Agricultural Awareness Through Poetry	9-10			•			
An Ag Interview	9-10			•	•		
Biotechnology in the Field	9-12	•	•				

# CFAITC Instructional Materials

California Foundation for Agriculture in the Classroom's (CFAITC) lesson plans and units have been written, field-tested, and reviewed by educators. Cooperative learning, individual and group problem solving, and critical thinking activities encourage students to learn about California agriculture while developing skills in science, mathematics, reading-language arts, history-social science, health and nutrition, and the visual and performing arts.

Each unit can be downloaded from CFAITC's website ([www.LearnAboutAg.org](http://www.LearnAboutAg.org)). Teacher Resource CDs include PDFs of all lesson plans. Contact CFAITC via e-mail ([info@learnaboutag.org](mailto:info@learnaboutag.org)) or by phone (800-700-AITC) to request a CD.

## Lesson Plans and Comprehensive Units

*Grades K-1*

### A Garden Plot: The Tale of Peter Rabbit

*by Donica O'Laughlin*

This unit uses *The Tale of Peter Rabbit* and other stories by Beatrix Potter as a vehicle to teach reading, writing, and science concepts. This unit encourages students to think about where their food comes from, distinguish between fact and fiction, observe roots and soil, and write about experiences they have while caring for the personal gardens they create. *Aligned to the Content Standards for California Public Schools.*

*Grades K-3*

### Tomato Trivia

*by Kathleen Schinski and Frances Vaughn*

*edited by Pamela Emery and Mandi Bottoms*

Using tomatoes as a theme, students will practice their math and science skills of estimating, measuring, counting, graphing, and sequencing. *Aligned to the Content Standards for California Public Schools.*

*Grades 2-3*

### Red Imported Fire Ants: Facts About These Interesting Insects

This booklet is designed to provide teachers with facts and activities that teach children about the red imported fire ant, a potentially dangerous and destructive insect to the people, animals, and plants of California. Math, reading, and history activities are included.

*Grades 2-4*

### What Do Plants Need to Grow?

*by Pamela Emery*

*edited by Mandi Bottoms, Robin Satnick, and Shaney Emerson*

In this comprehensive science unit, students learn the basic plant parts as well as the essential resources that plants need to grow. Twelve interrelated hands-on lessons and activities allow students to experiment with plants and relate what they learn to the food they eat. *Aligned to the Common Core State Standards and the Content Standards for California Public Schools.*

*Grades 2-5*

### Simple and Complex Machines in Agriculture

*by Tonja Cargill and Pamela Emery*

Through investigation, writing, and experimenting, students learn about simple machines such as inclined planes, levers, pulleys, and wedges. They see how these machines assist people including farmers and ranchers. *Aligned to the Content Standards for California Public Schools.*

*Grades 3-5*

### "Steer" Toward STEM: Careers in Animal Agriculture

*edited by Mandi Bottoms and Sherrie Taylor Vann*

This five-lesson unit for grades 3-5 promotes the development of STEM abilities and critical thinking skills, while fostering an appreciation for the people involved in livestock production. The curriculum includes real-life challenges for students to investigate, inquiry-based labs, and opportunities to plan and construct models. Featured careers include animal physiologist, agricultural engineer, range manager, animal nutritionist, and animal geneticist. *Aligned to the Common Core State Standards and the Content Standards for California Public Schools.*

Grades 3-6

**Edible Numbers**

by Pamela Emery and Gina Hieb

*Edible Numbers* provides teachers with lessons that relate grocery advertisements to classroom mathematics and nutrition education. Food origins, nutrition, problem solving, graphing, and grade-level appropriate mathematics are taught in two separate grade level units. *Aligned to the Content Standards for California Public Schools.*

Grades 3-6

**That Was Then, This Is Now**

edited by Pamela Emery

Students learn about food prices and how they have changed over time by performing mathematical computations, analyzing data charts, and comparing and contrasting statistical information. *Aligned to the Content Standards for California Public Schools.*

Grades 3-12

**Science Fair and Lesson Ideas**

by Pamela Emery

This packet includes stimulating questions that teachers can use when teaching a specific scientific topic, science fair ideas that relate to agriculture, and websites that educators and students may find useful when preparing a science lesson or a science fair project.

Grades 4-6

**Fruits and Vegetables for Health**

by Brenda Byers and Priscilla Naworski

Edited by Pamela Emery, Mandi Bottoms

Fruits and Vegetables for Health contains five lessons designed to teach students about the production, distribution, and nutritional value of California-grown produce. Students will gain knowledge in geography, language arts, science, nutrition, and math as they learn about the process through which fruits and vegetables are transported from California farms to kitchen tables. Healthy eating is emphasized throughout. *Aligned to the Common Core State Standards and the Content Standards for California Public Schools.*

Grades 4-6

**Milk Matters: Discovering Dairy**

edited by Mandi Bottoms

Students discover the many different aspects of life on a dairy farm. From investigating the historical significance of dairy breeds to conquering mathematical business challenges, students will understand why milk matters. *Aligned to the Content Standards for California Public Schools.*

Grades 4-6

**What’s Bugging You?**

by Pamela Emery and Ethan Heifetz

Students create a useful definition for the word “pest,” perform reading and poetry activities on specific agricultural and garden pests, and create an imaginary pest that lives in an imaginary habitat. *Aligned to the Content Standards for California Public Schools.*

Grades 5-6

**A “Sour” Subject**

edited by Pamela Emery

Students reinforce their skills of observation, mathematical computation, and written expression by comparing and contrasting grapefruits and lemons. *Aligned to the Content Standards for California Public Schools.*

Grades 5-7

**Food Safety: From Farm to Fork**

Students learn, through real-life examples and hands-on activities, that everyone has a responsibility in minimizing foodborne illnesses. This unit is science and language arts based. *Aligned to the Content Standards for California Public Schools.*

Grades 5-7

**Where’d You Get Those Genes?**

by Beth Brookhart and Pam Schallock

This five-lesson unit teaches students the basic concepts of genetics using agricultural commodities as examples. Includes brief biographies on people involved in genetic research as well as a creative writing assignment. *Aligned to the Content Standards for California Public Schools.*

Grades 7-9

**From Genes to Jeans**

by John Vogt and Mary Yale

Students are introduced to the genetic research and technologies associated with agriculture while they perform Punnett square activities and create a model of a DNA molecule. As students learn about strawberries and cotton, they are provided with the scientific principles associated with genetics and are encouraged to use their knowledge to think critically and freely about the viability and ethics associated with biotechnology. *Aligned to the Content Standards for California Public Schools.*

Grades 8-12

### **Chemistry, Fertilizer, and the Environment**

by Mandi Bottoms and Shaney Emerson

This five-lesson unit uses agriculture to introduce chemistry concepts in a meaningful way. Students will learn about plant nutrients, chemical compounds, solutions and dilutions, and water quality as they take on the role of a crop production advisor. The agriculturalist's role in environmental stewardship is emphasized throughout. *Aligned to the Common Core State Standards and the Content Standards for California Public Schools.*

Grades 9-10

### **Agricultural Awareness Through Poetry**

by Alta Bjornsen

Students gain an appreciation for the role agriculture plays in their lives as they read and analyze poetry and write an agricultural poem of their own. *Aligned to the Content Standards for California Public Schools.*

Grades 9-10

### **An Ag Interview**

edited by Pamela Emery

Students gain a greater awareness of the role agriculture plays in the American economy, practice oral and written communication skills, and learn about numerous agricultural careers. *Aligned to the Content Standards for California Public Schools.*

Grades 9-12

### **Biotechnology in the Field**

edited by Mandi Bottoms and Jenna Swenson

This unit consists of six lessons about biotechnology used in agricultural production. Through background information from realistic memos, board meetings, and experiments, students are asked to address the challenge of maintaining cotton production with a diminishing water supply. *Aligned to the Content Standards for California Public Schools.*

## **Other Resources**

### **Ag-Bites Activity Packet**

These hands-on, interactive activities teach students about where their food comes from using a variety of agricultural topics. The activities can be used as short or extended lessons. A demonstration for some of these activities can be seen on [www.youtube.com/learnaboutag](http://www.youtube.com/learnaboutag). *Aligned to the Content Standards for California Public Schools.*

Grades K-12

Free online

### **Agricultural Fact and Activity Sheets**

Educators and students learn about the production, history, economic value, and other information on a variety of agricultural commodities and resources. The activity suggestions help educators generate lesson plan ideas.

Grades 6-12

One set free

### **California Agriculture: Farming is Everywhere Coloring Book**

This 12-page coloring book illustrates California agriculture for elementary students. The hosts, Farmer Joe and Farmer Maria, will help guide students through the five F's of agriculture (food, fiber, forests, flowers, and fuel) as they discover all that agriculture provides—it is more than they could imagine.

Grades K-2

Free online

### **CROP Circles**

The CROP (California Regions of Optimal Planting) Circle is an easy-to-use diagram that illustrates proper planting and harvesting times for 18 crops commonly found in California school gardens. These are optimal and recommended planting and harvesting times that can be altered to better suit individual microclimates or a school calendar. The Circle is divided into four seasons with each individual crop in its own concentric circle. *Aligned to the Content Standards for California Public Schools.*

Grades 4-6

Free online

### **Imagine this... Stories Inspired by Agriculture**

This soft cover book of colorful, agriculturally related stories features winning entries of the *Imagine this...* Story Writing Contest, illustrated by high school students.

Grades 3-8

\$6

### **Kids' Corner Website**

This student-oriented section of the California Foundation for Agriculture in the Classroom website features agriculture-related activities that can be used in the classroom or at home. Highlighted areas include a commodity mystery game and selected answers to the annual CFAITC student newspaper *What's Growin' On?* Visit online at [kids.learnaboutag.org](http://kids.learnaboutag.org).

Grades 3-8  
Free online

### **Presidential Turkey Activity Guide**

This four-page guide introduces students to the history of our nation's Presidential Turkey tradition and engages them with activities about the popular poultry. English-language arts, history-social science, math, science, and health education are incorporated. *Aligned to the Content Standards for California Public Schools.*

Grades 4-6  
Free online

### **WE Garden**

This collection of 11 one-page lesson plans allows educators to transition the hands-on, real-world experiences learned in a garden into a traditional classroom setting. The lessons were designed as a capstone to the WE Garden in Capitol Park, which was developed in collaboration with CFAITC and former First Lady Maria Shriver. *Aligned to the Content Standards for California Public Schools.*

Grades 1-6  
Free online

### ***What's Growin' On?***

This 16-page newspaper highlights the many agricultural products of California. Activities, trivia, readings, and graphics are sprinkled throughout providing a connection for every learner. Selected activities encourage students to read their local newspaper daily. A teacher's supplement is also available to extend topics and adapt for ELL or GATE students. Many activities are aligned to the Content Standards for California Public Schools.

Grades 3-8  
One class set free, while supplies last

# CFAITC Materials Order Form

Order online at [www.LearnAboutAg.org](http://www.LearnAboutAg.org) or call (800) 700-AITC (2482)

Description	Logo Items	Price per item
Pencils		\$ .15
Balloons		\$ .20
Rulers		\$ .50
Shopping Totes		\$ 1.50
Mugs		\$ 2.50
Gardening Gloves (adult small)		\$ 2.50
Trowels		\$ 3.00
Flower Pot Mugs		\$ 4.50
Aluminum Water Bottles		\$ 5.00
Visors		\$ 7.00
Ball Caps		\$ 8.00
Canvas Bags		\$ 8.00
Long Sleeve Denim Shirts (S-XXL)		\$20.00

## Books

<i>Imagine this...</i> Stories Inspired by Agriculture	\$ 6.00
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## Educational Resources

Agricultural Fact and Activity Sheets	1 set free
“Resources for Every Season” CD	1 free
Teacher Packet	1 free
<i>What’s Growin’ On?</i> Student Newspaper (aligned for grades 3-8)	Class set free

*All prices are subject to change without notice.*





# Section 2

## Educational Resources About Agriculture



California Foundation for  
Agriculture in the Classroom

This section is designed to help educators locate high quality resources about agriculture. The resources were reviewed by CFAITC's Resource Review Committee and are considered suitable for classroom use. However, inclusion in this guide does not constitute an endorsement. When requesting materials, mention the California Foundation for Agriculture in the Classroom.



# Resources by Subject Listing

Agriculture - General.....	16	Energy .....	48	Native Plants .....	78
Air Quality .....	24	Environment .....	49	Newspapers .....	78
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Almonds .....	25	Farm Animals.....	53	Olives.....	85
Ants.....	25	Farm Equipment .....	53	Onions.....	85
Apples.....	25	Farm Safety.....	54	Organic Foods .....	86
Artichokes .....	27	Farmers Markets.....	54	Peaches .....	86
Aviation.....	27	Fertilizers .....	55	Peanuts .....	86
Avocados.....	27	Fibers .....	56	Pears.....	86
Bats.....	27	Flowers .....	56	Pest Management.....	87
Beans.....	28	Food Safety.....	57	Pistachios .....	88
Beef Cattle.....	28	Food Science .....	58	Pizza .....	88
Bees .....	29	Forestry and Forest Resources.....	58	Pork.....	88
Biotechnology .....	30	Fruit .....	61	Potatoes.....	89
Birds.....	32	Gardening.....	62	Raisins .....	90
Blueberries.....	33	Genetics .....	67	Rice .....	90
Botany .....	33	Geography.....	68	Science.....	91
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## Agriculture - General

► Indicates new for 2013-2014

### Acres of Adventures Activity Guides

Cultivating excitement for science and agriculture in after-school programs, this resource was developed in partnership with CFAITC and other state AITC programs. Book 1: All About Agriculture, Fast Food Agriculture, Mystery Agriculture, and Plant Detectives. Book 2: Agriculture Gone Wild, Farm Physics, Frontier Living, and Insect Invasion.

Grades 3-5  
\$7.50 each plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### ► Ag Mags

These downloadable magazines about agriculture include topics such as beef, weeds, corn, technology, and biofuels. Teacher's guides are also available. Download from [www.ag.ndsu.edu/agmag/agmag.htm](http://www.ag.ndsu.edu/agmag/agmag.htm).

Free; available online

North Dakota Department of Agriculture  
600 E. Boulevard Ave., Dept. 602  
Bismarck, ND 58505-0020  
Phone: (701) 328-2231  
Toll free: (800) 242-7535  
Fax: (701) 328-4567  
E-mail: [ndda@nd.gov](mailto:ndda@nd.gov)  
Website: [www.agdepartment.com](http://www.agdepartment.com)

### Agricultural Research

Published ten times a year by the USDA's Agricultural Research Service, this magazine reports on current research in agriculture. Available online at [www.ars.usda.gov/is/ar](http://www.ars.usda.gov/is/ar).

Grades 9-adult  
Free 1-year subscription to schools and libraries

Agricultural Research Service, USDA  
5601 Sunnyside Avenue, 1-2232B  
Beltsville, MD 20705-5130  
Phone: (301) 504-1633  
Fax: (301) 504-1641  
E-mail: [dianne.odland@ars.usda.gov](mailto:dianne.odland@ars.usda.gov)  
Website: [www.ars.usda.gov](http://www.ars.usda.gov)

### AgroWorld E-zine

This secondary educator E-zine, produced by Agriculture in the Classroom and USDA, features current events and classroom resources that enhance science, technology, and social studies curricula. [www.agclassroom.org/teen/agro/agro.htm](http://www.agclassroom.org/teen/agro/agro.htm)

Grades 8-12  
Free; available online only

National Institute of Food and Agriculture  
1400 Independence Avenue SW, Mail Stop 2215  
Washington, DC 20250-2215  
Phone: (202) 720-2727  
Fax: (202) 690-0062  
E-mail: [rali@nifa.usda.gov](mailto:rali@nifa.usda.gov)  
Website: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
Website: [www.nifa.usda.gov/nea/education/in\\_focus/education\\_if\\_aic.html](http://www.nifa.usda.gov/nea/education/in_focus/education_if_aic.html)  
Website: [www.agclassroom.org](http://www.agclassroom.org)

### All About Agriculture in the U.S.

A reading, activity, and coloring book focused on the United States agriculture industry. Activities include matching, word puzzles, fill in the blank, and graphic organizers.

Grades K-3  
Free; available online only

American Agri-Women  
2103 Zeandale Road  
Manhattan, KS 66502  
E-mail: [info@americanagriwomen.org](mailto:info@americanagriwomen.org)  
Website: [www.americanagriwomen.org](http://www.americanagriwomen.org)

## American Farm Bureau Foundation for Agriculture Materials

### Addressing Early Misconceptions About Agriculture

This kit tackles five basic questions that are most often misunderstood by children and the adults they live with. Includes topics such as “Who makes chocolate milk?” and “Find the bull.” The kit includes a teacher’s guide that will provide set-up and teaching instructions.

Grades K-3

Ready-to-use version, \$55; Do-it-yourself version, \$10

### Addressing Misconceptions About Agriculture

This kit’s 35 issues cover topics from DDT to global food issues, ethanol to environmental issues, and nutrition to animal production. The kit comes complete with an 11-page lesson plan, background information on each issue, three sets of student cards, and a CD-ROM containing two PowerPoint presentations.

Grades 9-adult

\$15; quantity discounts available

### ► Food and Farm Facts

The newest edition of “Food and Farm Facts” introduces readers to America’s farmers and ranchers and how they work to provide a variety of food choices to meet consumer demand. This 32-page booklet includes a variety of charts, graphs, and photos. Sections highlight agriculture’s shrinking environmental footprint; retail food costs, consumption, and safety; and historical milestones. Includes an “America’s Bounty” map poster that illustrates where major crops and livestock are produced.

Grades 4-Adult

\$4.25; plus shipping

### Food and Farm Facts Booklet

This 29-page booklet contains realistic illustrations of farmers, consumers, livestock, and crops. It features charts and graphs with facts about today’s agricultural system, food consumption and safety, biotechnology, international trade, historical highlights, and agricultural terminology. New sections on aquaculture, silviculture, nursery and greenhouse, and the farmers’ share of the retail food dollar are included. A one-sided poster map (38" x 27") is included with each booklet. Condensed, pocket-sized booklet is also available.

Grades K-adult

\$4.25 each

Quantities of 100 or more available in boxes of 100 for \$250

### ► Food and Farm Facts Educator’s Guide

Grade-specific booklets provide step-by-step lesson plans that teach students about the nation’s food system, with an emphasis on history, change, and economics. Includes reproducible activity sheets and is aligned to national learning standards for math, science, social science, language arts, and health. This resource complements American Farm Bureau Foundation for Agriculture’s Food and Farm Facts booklet.

Grades 4-6, 7-12

\$3.50; plus shipping

### Food and Farm Facts Lesson Plans

Farm Facts lesson plans have been completely revised and upgraded. The 59-page instructional package contains six units and 18 activities for students. The package includes reproducible student pages, step-by-step activity directions, student quizzes, and answer keys. Each unit corresponds with several sections in the Food and Farm Facts booklet. Lesson plan PDFs are available on CD-ROM, which also includes a PowerPoint presentation.

Grades 7-12

\$10 plus s/h

### Food and Farm Facts Pencils

Pencils in red, yellow, blue, green, and black contain one of 10 farm facts on each pencil.

\$22/box of 140 pencils

### Food and Farm Facts Poster Kit

Includes five posters (18" x 24") on heavy, gloss paper, suitable for display at fairs, field days, farm tours, and other events. One-sided posters correspond to pages from the Food and Farm Facts booklet.

Grades 4-12

\$10

► **My American Farm Coloring Book**

This 14-page coloring book and game guide demonstrates new games and resources available at [www.myamericanfarm.org](http://www.myamericanfarm.org) with activity pages and agricultural facts on every page.

Grades PreK-1  
\$.50/each; \$20.00/pack of 20  
Plus shipping

**The Man Who Fed the World: Teacher's Guide**

This teacher's guide to the book "The Man Who Fed the World" contains modules and instructional materials examining sustainable international development efforts specific to agriculture. Educational standards addressed include English, social studies, science, and agriculture.

Grades 10-adult  
Free with purchase of the book

► **Senses on the Farm Educator's Guide**

This educator's guide uses the book "Senses on the Farm" and four fun activities to help young people develop skills in recognizing the five senses, reading, writing, numbers, counting, and sequencing.

Grades PreK-K  
\$3.50; plus shipping

**Slice Kit**

This packet of classroom activities and worksheets assists teachers and volunteers in educating children about the role of the farm in providing food and products for the city.

Grades K-6  
\$8

**Ten Things Kids Want to Know About Farming**

This 22-minute educational video or DVD takes students on a series of field trips to farm and ranch locations throughout the United States, offering them a firsthand view of how the food and clothing we use every day is produced.

Grades 3-6  
VHS \$18.50; DVD \$17; quantity discounts available

► **Ten Things Kids Want to Know About Farming: Educator's Guide**

These 10 lesson plans offer creative ideas for teaching agriculture concepts in math, science, history, social studies, geography, language arts, and visual arts.

Grades 2-5  
\$5.00 plus shipping

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

**America's Heartland**

This national public television series profiles American farmers throughout the U.S. and educates viewers about the product, process, and people behind the food, fuel, and fiber they rely upon. There are 172 half-hour episodes available, and more than 50 segments on CA agriculture. Lesson plans, study guides, and other educational resources that accompany this series are available free of charge at [www.americasheartland.org/education](http://www.americasheartland.org/education).

Grades K-adult  
\$14.95 plus s/h

KVIE - America's Heartland  
2030 W. El Camino Avenue  
Sacramento, CA 95833  
E-mail: [tbastine@kvie.org](mailto:tbastine@kvie.org)  
Website: [www.americasheartland.org](http://www.americasheartland.org)

**APSnet Education Center**

The APSnet Education Center K-12 website was constructed to assist science and biology teachers interested in developing interactive laboratories and demonstrations that teach the basic principles of science and the scientific method.

Grades K-12  
Free online information

American Phytopathological Society  
3340 Pilot Knob Road  
Saint Paul, MN 55121  
Phone: (651) 454-7250  
Fax: (651) 454-0766  
E-mail: [aps@scisoc.org](mailto:aps@scisoc.org)  
Website: [www.apsnet.org](http://www.apsnet.org)  
Website: [www.apsnet.org/education/K-12PlantPathways](http://www.apsnet.org/education/K-12PlantPathways)

### Bet the Farm

In this online game students become the farmer by determining what products to raise, how to manage them, and ways to market their bounty. This resource teaches students the greatest skill in farming: making intelligent decisions.

*www.cosi.org/visitors/on-line-activities/farm*

Grades 5-10  
Free

COSI Columbus  
333 West Broad Street  
Columbus, OH 43215  
Phone: (614) 228-2674  
Toll free: (888) 819-2674  
Website: *www.cosi.org*

### California Agricultural Resource Directory

Includes facts and figures, county-by-county statistics, and an extensive directory of industry resources and contacts. Also contains production and export statistics, key facts about California agriculture, information on CDFAs services, and marketing trends.

Grades 4-adult  
Free online information

California Agricultural Statistics Service  
Post Office Box 1258  
Sacramento, CA 95812-1258  
Phone: (916) 498-5161  
Fax: (916) 498-5186  
E-mail: *nass-ca@nass.usda.gov*  
Website: *www.nass.usda.gov/ca*

### California Bingo

This bingo game highlights the unique characteristics, people, environment, and landmarks of California, including agriculture. Set comes with facts to be read during the game, six artistic bingo cards, and markers. Some examples are Bug Bingo, Tractor Bingo, and Weather Bingo.

Grades 3-adult  
\$14.95 plus s/h

Lucy Hammett Games  
Post Office Box 905  
Mineola, TX 75773  
Phone: (888) 420-7585  
Fax: (903) 569-0690  
E-mail: *info@lucybingogames.com*  
Website: *www.lucybingogames.com*

### California Bountiful Magazine

This bi-monthly magazine features information and enlightening features on California farms and ranches, gardening and landscaping tips, travel features, and interesting facts about food production. Website includes online extras section with teacher profiles.

Grades 8-adult  
Subscription included in annual California Farm Bureau Federation membership dues, or California Bountiful Foundation

California Bountiful Magazine  
California Farm Bureau Federation  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5570  
Fax: (916) 561-5695  
Website: *www.californiabountiful.com*

### California Foundation for Agriculture in the Classroom Materials

#### Ag-Bites Activity Packet

These hands-on, interactive, standards-aligned activities teach students about where their food comes from. The activities cover a variety of agricultural topics and grade levels that can be used as short or extended lessons. Video demonstrations are also available.

Grades K-12  
Free; available online only

#### An Ag Interview

Students gain a greater awareness of the role agriculture plays in the American economy, practice oral and written communication skills, and learn about numerous agricultural careers.

Grades 9-10  
Free; also available online  
Free lesson plan CD available, while supplies last

#### Cream of the Crop

The Cream of the Crop newsletter is released electronically once a month with articles about agriculture-related resources, ideas, information, and CFAITC event overviews. Teachers can visit *www.LearnAboutAg.org/cotc* to subscribe.

Grades K-12  
Free; available online only

**Kids' Corner**

This student-oriented section of the California Foundation for Agriculture in the Classroom website features agriculture-related activities that can be used in the classroom or at home. Highlighted areas include a commodity mystery game and selected answers to the annual CFAITC student newspaper, *What's Growin' On?*. Visit online at [kids.learnaboutag.org](http://kids.learnaboutag.org).

Grades 3-8

Free; available online only

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

**California Grown Classroom Activities**

The purpose of these activities is to teach students about California agriculture, the health and economic benefits of buying and eating locally grown products, and to instill pride in our agriculturally rich state. Students will utilize critical thinking, and analytical and map skills as part of six different classroom activities. Reproducible activities for the classroom, extensions and websites to expand on concepts, and parent newsletter included.

Grades K-2, 3-5

Free; available online only

Buy California Marketing Agreement  
1521 I Street  
Sacramento, CA 95814  
Phone: (916) 441-5302  
E-mail: [info@californiagrown.org](mailto:info@californiagrown.org)  
Website: [www.californiagrown.org](http://www.californiagrown.org)

**California Heartland**

This series of half-hour television programs combines stories with fun facts about California's multi-billion dollar agriculture industry. While not currently airing, DVDs are available.

Grades K-adult

\$14.95 per show on DVD

KVIE - America's Heartland  
2030 W. El Camino Avenue  
Sacramento, CA 95833  
E-mail: [tbastine@kvie.org](mailto:tbastine@kvie.org)  
Website: [www.americasheartland.org](http://www.americasheartland.org)

**Cornucopia's Challenge**

A 30-minute peer-reviewed documentary that follows the journey of three crops—corn, rice, and cotton—from seed to market. Students look at the variety of methods that farmers use to meet the challenges of growing, segregating, and marketing these crops to meet differing market requirements and consumer preferences.

Grades 4-adult

\$35

University of California Agriculture & Natural Resources  
Communication Services  
Phone: (530) 757-8304  
Website: [anrcatalog.ucdavis.edu](http://anrcatalog.ucdavis.edu)

**Dig in!**

The Dig in! resource pack contains 48 lesson plans that are intrinsically linked to science, geography, and SPHE (Social, Personal and Health Education) curricula. The lessons address the subjects of farming, cattle, sheep, pigs, poultry, fruits and vegetables, cereals and grasses, and healthy eating. The lessons also cover environmental subjects, including the hedgerow, air, trees, water, and soil.

Grades K-12

Free; also available online

Alltech  
4041 North Fresno Street, Suite #104  
Fresno, CA 93726  
Phone: (559) 226-0405  
E-mail: [tanesh@alltech.com](mailto:tanesh@alltech.com)  
Website: [www.alltech.com/kidzone](http://www.alltech.com/kidzone)

**► E.A.T. Foundation**

E.A.T. stands for "Education and Agriculture Together." The E.A.T. Foundation offers a variety of continuing education (CE) classes which combine hands-on workshops, seminars, and tours in the field of agriculture. The first is a 3-day, hands-on workshop for educators which will provide an experience you will never forget! Workshop time, tours, hands-on activities, speakers, presentations, resources, and lesson plans are just the beginning!

For educators K-12

\$50 registration for each workshop, there is a travel stipend offered for the first workshop

E.A.T. Foundation  
Post Office Box 2183  
Hanford, CA 93232  
Phone: (559) 707-8823  
E-mail: [kellyg@eatfdn.org](mailto:kellyg@eatfdn.org)  
Website: [www.eatfdn.org](http://www.eatfdn.org)



### Farm Service Agency for Kids

This website has downloadable materials that can be used with students. Examples include several coloring books of multiple crops, fun facts, and trivia. Some materials are also available in Spanish.

Grades K-6

Free online materials

USDA - Farm Services Agency  
430 G Street, Suite 4161  
Davis, CA 95616-4161  
Phone: (530) 792-5520  
Fax: (530) 792-5555  
Website: [www.fsa.usda.gov/fsakids](http://www.fsa.usda.gov/fsakids)

### Farmology

Four-page activity booklet designed for restaurant use includes various activities introducing children to the benefits of California agriculture.

Grades 1-6

Free; available online only

Agricultural Awareness & Literacy Foundation  
Post Office Box 653  
Atwater, CA 95301-0653  
Phone: (209) 631-4146  
Fax: (209) 358-8552  
E-mail: [dskidmore@farmology.com](mailto:dskidmore@farmology.com)  
Website: [www.farmology.com](http://www.farmology.com)

### Food, Land & People

This program provides educational resources and promotes approaches to learning that help educators and students to better understand the interrelationships among agriculture, the environment, and people of the world. Educators who participate in a workshop will obtain FLP's Resources for Learning, which contains 55 lessons. Twenty lessons are translated into Spanish. Lessons are correlated to state standards.

Grades PreK-12

Prices include s/h; Resources for Learning (shrink wrapped) \$56.25; Resources for Learning CD \$45; Spanish Lessons \$15; North America Natural Resource Poster \$8

California Food, Land & People  
1570 Brandywine Road  
San Mateo, CA 94402  
Phone: (650) 345-5178  
E-mail: [caflp@aol.com](mailto:caflp@aol.com)  
Website: [www.caflp.org](http://www.caflp.org)

### A Guide to Food and Fiber Systems Literacy

This guide is composed of a compendium of standards, benchmarks, explanatory narrative, and sample instructional materials for kindergarten through twelfth grade. It is intended to provide a road map for infusing food and fiber systems knowledge into core academic subjects.

Grades K-12

Free; available online only

Food and Fiber Systems Literacy Project  
James Leising  
Oklahoma State University  
139 Agricultural Hall  
Stillwater, OK 74078-6026  
Website: [food\\_fiber.okstate.edu](http://food_fiber.okstate.edu)

### Illinois Agriculture in the Classroom Materials

#### ► After School Agriculture Activities and Lessons

The activities in these grade-specific booklets have been designed for after school programs as a way to incorporate agriculture into daily activities. The lessons have been structured to fit a five day schedule. Lessons will reinforce English-language arts, science, math, and nutrition knowledge and skills.

Grades K-3, 4-6

Free download

#### Ag Bag Lessons

This series focuses on 10 different commodities. Each unit encourages the use of a particular literature book that relates to the topic and includes activities and lesson ideas. Commodities include corn, apples, horses, sheep, pork, pumpkins, dairy, farm safety, pizza, and soybeans.

Grades K-6

Free; available online only

#### Ag Mag

Classroom sets of 30 agriculture magazines feature four-page, colorful publications with information about agriculture, agricultural careers, and classroom activities. Sets are available for different topics including pumpkins, specialty crops, horticulture, soybeans, apples, livestock, port, and trees.

Grades 4-6

\$7.50/set

#### Ag, Paper Plates, & You

This packet contains 25 agricultural activities using paper plates.

Grades K-5

Free; available online only

### ► Specialty Crop Ag Mag

Classroom sets of 30 agriculture magazines explore specialty crop production. This resource features informative letters from farmers and ranchers that grow specialty crops such as apples, onions, melons, and peaches.

Grades 4-6  
\$5

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aite@ilfb.org](mailto:aite@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### Imagine this... Story Writing Contest

This contest creates a positive learning experience that promotes reading, writing, and the arts, and furthers the understanding of agriculture in our lives. The *Imagine this...* Story Writing Contest is an annual statewide writing program for students. Regional and state level prizes are awarded to winning students and their teachers. State-winning authors will have their stories published in an illustrated book that will be distributed to school libraries and classrooms across the state. Entries must be postmarked by November 1, annually.

Grades 3-8

California Foundation for Agriculture in the Classroom  
Attn: *Imagine this...* Story Writing Contest  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [imaginethis@learnaboutag.org](mailto:imaginethis@learnaboutag.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Minnesota AgMag

This eight-page agriculture magazine is produced three times a year and features activities and articles that relate to students nationwide. Topics include "Caring for our Natural Resources" and "Agriculture is Everywhere!"

Grades 4-6  
Free; available online only

Minnesota Agriculture in the Classroom  
625 Robert Street North  
St. Paul, MN 55155  
Phone: (651) 201-6000  
Toll free: (800) 967-2474  
E-mail: [MDA.Info@state.mn.us](mailto:MDA.Info@state.mn.us)  
Website: [www.mda.state.mn.us](http://www.mda.state.mn.us)

### National Ag Day Planning Guide

The "Ag Day Planning Guide" was developed to help plan and host Ag Day events. Find tips, tools, and strategies that have been used successfully in past years to build awareness about agriculture in communities all across America.

Grades K-12  
Free listing of materials by mail or website

Agriculture Council of America  
11020 King Street, Suite 205  
Overland Park, KS 66210  
Phone: (913) 491-1895  
Fax: (913) 491-6502  
E-mail: [info@agday.org](mailto:info@agday.org)  
Website: [www.agday.org](http://www.agday.org)

### National FFA Organization Materials

#### Ag Trivia Challenge Game

This game helps students achieve agricultural literacy in a fun and interactive way. Trivia questions cover agribusiness, agriscience and technology, animal science, plant science, and general agriculture. The board is versatile so the game can be played on one board with up to 12 people, or it can be split into four smaller boards with four people at each board.

Grades 9-12  
\$49 plus s/h

#### FFA Learn Center Website

This website from the National FFA Organization for FFA advisors and their students, [ffa.learn.com](http://ffa.learn.com), includes lesson plans about risk management, service learning, agri-entrepreneurship, and more.

Grades 7-12  
Free online information

#### National FFA Organization

Provides resources for agricultural literacy, career awareness, biotechnology, and other agricultural education information.

Grades 7-12  
Free online information

National FFA Organization  
6060 FFA Drive  
Post Office Box 68960  
Indianapolis, IN 46268-0960  
Phone: (317) 802-6060  
Toll free: (888) 332-2668  
Fax: (800) 366-6556  
E-mail: [kmumaw@ffa.org](mailto:kmumaw@ffa.org)  
Website: [www.ffa.org](http://www.ffa.org)  
Website: [www.ffa.org/shop](http://www.ffa.org/shop)

### ► **PBS Learning Media Website**

This website hosts free, instant access to public media including videos, interactives, audio, photos, and in-depth lesson plans. PBS Learning Media's digital content is designed for educators to engage students and inspire learning.

Grades K-12  
Free, available online only

PBS Learning Media  
E-mail: [learningmediacontact@pbs.org](mailto:learningmediacontact@pbs.org)  
Website: [www.pbslearningmedia.org](http://www.pbslearningmedia.org)

### **Producepedia**

Producepedia.com is an educational website highlighting the fruits, vegetables, and nuts grown in California and Arizona. The site aims to connect consumers with the produce they eat as well as the farmers who grow the produce. The site hosts photos, videos, farmer interviews, resources, and profiles of fruits, vegetables, and nuts.

Grades K-adult  
Free online information

Western Growers Foundation  
Post Office Box 2130  
Newport Beach, CA 92658  
Phone: (949) 885-2259  
Fax: (949) 809-6259  
Website: [www.westerngrowersfoundation.org](http://www.westerngrowersfoundation.org)  
Website: [www.producepedia.com](http://www.producepedia.com)

### **Schools Online**

This CD contains nine interactive curricula that combine problem-solving, creativity, and skill-building exercises in a creative way. Lessons include The Great Plant Escape, The Adventures of Herman the Worm, My First Garden, Let's Talk About Insects, A Walk in the Woods, The Secret Life of Trees, and Trees are Terrific.

Grades K-6  
\$16.99 plus s/h  
Free online

University of Illinois Extension  
Office of Urban Programs  
549 Bevier Hall, 905 South Goodwin Avenue  
Urbana, IL 61801  
Phone: (217) 244-2849  
Fax: (217) 244-0191  
E-mail: [jscherer@uiuc.edu](mailto:jscherer@uiuc.edu)  
Website: [www.urbanext.uiuc.edu/schools](http://www.urbanext.uiuc.edu/schools)

### **University of California Materials**

#### **4-H Youth Development Materials**

This online catalog provides descriptions and ordering information for 4-H educational materials, projects, and activities appropriate for educators and leaders working with youth.

Grades K-12  
Free online catalog

### **Agriculture and Natural Resource Publications Catalog**

Pamphlets, books, slide sets, and videos on agriculture, crops, livestock, soil, water, and more.

Grades K-12  
Free online catalog

University of California  
ANR Communication Services Publications  
1301 South 46th Street, Building 478  
Richmond, CA 94804  
Toll free: (800) 994-8849  
Fax: (510) 665-2161  
E-mail: [anrcatalog@ucdavis.edu](mailto:anrcatalog@ucdavis.edu)  
Website: [anrcatalog.ucdavis.edu](http://anrcatalog.ucdavis.edu)

### **USDA National Agricultural Library Materials**

#### **Education and Outreach**

Gateway for both students and teachers to a wide range of agricultural lesson plans and learning opportunities, including classroom activities, coloring books, science fair tips, games, quizzes, and more. Compiled by the National Agricultural Library.

Grades K-12  
Free online

#### **United States National Agricultural Library**

Covers agriculture and its related fields for everyone from consumers to scientists, from students to teachers, from citizens to Congress. Browse the website or search the library's online catalog to find what's available for immediate access, or ask questions of the reference staff for a customized response.

Grades K-adult  
Free online access

USDA, National Agricultural Library  
10301 Baltimore Avenue  
Beltsville, MD 20705-2351  
Phone: (301) 504-5755  
Fax: (301) 504-6011  
E-mail: [agref@nal.usda.gov](mailto:agref@nal.usda.gov)  
Website: [www.nal.usda.gov](http://www.nal.usda.gov)

## Utah Agriculture in the Classroom Website

Elementary and secondary teachers have access to more than 150 educational resources at Utah AITC's website. Lesson plans, books, videos, and instructional kits are available for loan or purchase, and many items are free. For example, kits for wool spinning, wheat grinding, and cotton ginning can be purchased to teach agriculture, history, and social studies. Items can be conveniently ordered through the online store.

Grades K-12  
Prices vary

Utah State University  
Utah Agriculture in the Classroom  
2315 Old Main Hill  
Logan, UT 84322-2315  
Phone: (435) 797-0765  
Fax: (435) 797-4002  
Website: [utah.agclassroom.org](http://utah.agclassroom.org)

## Farming Game

Try your luck at raising crops and livestock. Learn about family farm economy using a board game format. Farming Game is for ages 10 and up. Farming Game Kids is for ages 3-9.

Grades PreK-adult  
Farming Game is \$34.95 plus \$8.50 s/h; Farming Game Kids is \$25.95 plus \$7.50 s/h

The Weekend Farmer  
Post Office Box 896  
Goldendale, WA 98620  
Toll free: (800) 222-GAME  
Fax: (509) 773-6464  
E-mail: [farmgame@gorge.net](mailto:farmgame@gorge.net)  
Website: [www.farmgame.com](http://www.farmgame.com)

## Air Quality

### AIRNow.gov

The United States EPA, NOAA, NPS, tribal, state, and local agencies developed the AIRNow website to provide the public with easy access to national air quality information. Easy-to-understand information on air quality terms such as "air quality index" and "particulate matter" are part of the general information section of the site. The website offers daily AQI forecasts as well as real-time AQI conditions for over 300 cities across the U.S., and provides links to more detailed state and local air quality websites.

Grades 6-adult  
Free; available online only

AIRNow  
Website: [airnow.gov](http://airnow.gov)

## Blue Sky, Brown Sky . . . It's Up to You!

This air quality educational curriculum is designed to help educators teach students about air pollution and the effects it has on California's Central Valley residents. Contains teacher manual, student activity books, and incentive items such as stickers, pencils, and crayons.

Grades K-2, 3-5  
Free

San Joaquin Valley Air Pollution Control District  
1990 East Gettysburg Avenue  
Fresno, CA 93726-0244  
Phone: (559) 230-6000  
Fax: (559) 230-6111  
E-mail: [public.education@valleyair.org](mailto:public.education@valleyair.org)  
Website: [www.valleyair.org](http://www.valleyair.org)

## Alfalfa

*Also see Crops listings*

### Alfalfa Fact and Activity Sheet

This California-specific fact sheet includes information on alfalfa production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about alfalfa.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Alfalfa: A Home for Animals and Ice Cream for People

This interactive lesson teaches students about alfalfa production in California and how it benefits consumers and contributes to the economy and the environment. It also shows how alfalfa production uses water resources efficiently, how California's climate gave rise to the development of water for irrigation, and how this development led to dairy and cattle industries and the need for alfalfa. Unit is aligned to the Content Standards for California Public Schools.

Grades 4-6  
Free

California Farm Water Coalition  
6133 Freeport Boulevard, 2nd Floor  
Sacramento, CA 95822  
Phone: (916) 391-5030  
Fax: (916) 391-5044  
E-mail: [nsilva@farmwater.org](mailto:nsilva@farmwater.org)  
Website: [www.farmwater.org](http://www.farmwater.org)

## Almonds

► Indicates new for 2013-2014

### Almond Board of California Materials

#### An Almond Story

This workbook provides students with information about how almonds grow and the many processes they undergo before arriving in the grocery store. This is a companion to the video, "An Almond Story"

Grades 2-5

Free; available online

#### ► An Almond Story Video & Workbook

Just right for third graders, Almond Board of California's "An Almond Story" video, a companion piece for the popular workbook, tells the California Almond story from the perspective of a bee left behind in the orchard after the pollination season is over. Auntie Bee's story is spellbinding as she expounds on the almond's history, its unique food properties and many uses, as well as its incredible nutritional value. "An Almond Story" is a captivating classroom learning experience that's as much fun as it is educational. The video has the same design as the student workbook, and the two pieces are meant to be used together by grade school teachers.

Grade 3

Almond Board of California  
1150 9th Street, Suite 1500  
Modesto, CA 95354  
Phone: (209) 550-5495  
E-mail: [jkonschak@almondboard.com](mailto:jkonschak@almondboard.com)  
Website: [www.almondboard.com](http://www.almondboard.com)

#### Almond Fact and Activity Sheet

This California-specific fact sheet includes information on almond production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about almonds.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Almond Information Sheets

Visit the Blue Diamond website for general and nutritional information about almonds, as well as almond industry marketing information.

Grades K-12

Free online information

Blue Diamond  
Post Office Box 1768  
Sacramento, CA 95812  
Phone: (916) 442-0771  
Fax: (916) 325-2880  
Website: [www.bluediamond.com](http://www.bluediamond.com)

## Ants

*Also see Insects listings*

### Ant Homes Under the Ground

These five activities delve into many aspects of these fascinating social insects. Students learn about ant body structure, jobs, and homes by observing ants in nature and in an ant farm. Many role-play activities and games included.

Grades PreK-1

\$20 plus s/h

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

## Apples

*Also see Fruit listings*

► Indicates new for 2013-2014

### Albert Whitman & Company Materials

#### Apples Here!

Written and illustrated by Will Hubbell, this picture book describes the life cycle of apples and the ways people consume them. Technical information is provided in the back of the book.

Grades PreK-3

\$16.99

**Golden Delicious: A Cinderella Apple Story**

Written by Anna Egan Smucker and illustrated by Kathellen Kemly, this picture book is based on real events about the origin of the Golden Delicious apple.

Grades 1-3

\$16.99

Albert Whitman & Company  
250 South Northwest Highway, Suite 320  
Park Ridge, IL 60068  
Toll free: (800) 255-7675  
Fax: (847) 232-2800  
E-mail: [mail@awhitmanco.com](mailto:mail@awhitmanco.com)  
Website: [www.albertwhitman.com](http://www.albertwhitman.com)

**► The Appealing Apple**

This interdisciplinary publication aims to provide A to Z information about apples. [www.ecommons.cornell.edu/handle/1813/3619](http://www.ecommons.cornell.edu/handle/1813/3619)

Grades K-12

Available online

Cornell University  
Division of Nutritional Sciences  
Division of Horticulture  
Website: [foodsys.cce.cornell.edu](http://foodsys.cce.cornell.edu)

**Apple Ag Mag**

Classroom sets of 30 agriculture magazines explore the production of apples. Topics include apple production, history, growth, varieties, and careers.

Grades 4-6

\$5 plus s/h

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

**California Apple Commission**

A free information packet provides the history of apples and the nutritional value of apples. Information is available on the website.

Grades K-adult

Free

California Apple Commission  
770 East Shaw, Suite 310  
Fresno, CA 93710  
Phone: (559) 225-3000  
Fax: (559) 225-3111  
Website: [www.calapple.org](http://www.calapple.org)

**Illinois Agriculture in the Classroom Materials****► Apple Agriculture Fact Sheet**

Four-page brochure on apple uses, production, history, careers and a lesson idea.

Grade 4

Free; available online only

**► Apple Commodity Reader**

This four-page color booklet features essential information about apples. Student readers will learn about varieties, uses, history, anatomy, production statistics, and careers. Includes a lesson on apple ripening.

Grades 6-12

Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ifb.org](mailto:aitc@ifb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

**U.S. Apple Association**

The U.S. Apple Association provides a variety of materials on apples and apple nutrition, including lesson plans and support materials.

Grades K-6

Free

U.S. Apple Association  
8233 Old Courthouse Road, Suite 200  
Vienna, VA 22182-3816  
Phone: (703) 442-8850  
Fax: (703) 790-0845  
Website: [www.usapple.org](http://www.usapple.org)

# Artichokes

*Also see Vegetables listings*

## Artichokes Fact and Activity Sheet

This California-specific fact sheet includes information on artichoke production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts on artichokes.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

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# Aviation

► **Indicates new for 2013-2014**

## California Agricultural Aircraft Association Materials

### Elementary-Level Educational Curriculum Guide

This engaging curriculum guide teaches students about agricultural aviation.

Grades 1-5  
Free

### Secondary-Level Educational Curriculum Guide

This lesson guide includes lessons, facts, and definitions associated with agricultural aviation.

Grades 6-10  
Free

### ► The Modern Aerial Applicator

Aerial application plays an important role in today's agriculture, aiding farmers in achieving high-yield harvests and sustainability through crop protection. This video gives an in-depth look into the agricultural aviation industry.

Grades 6-12  
Free

California Agricultural Aircraft Association  
661 6th Street  
Lincoln, CA 95648  
Phone: (916) 645-9747  
Fax: (916) 645-9749  
E-mail: [CAAA@psyber.com](mailto:CAAA@psyber.com)  
Website: [www.caaa.net](http://www.caaa.net)

# Avocados

## Avocado Fact and Activity Sheet

This California-specific fact sheet includes information on avocado production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts on avocados.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

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# Bats

## Bats Incredible!

Enlighten students about the bat's unique and indispensable role in ecosystems. Through 22 hands-on activities, students learn about the physical characteristics of bats, specifically how they fly and use echolocation. This 138-paged conceptual unit provides a natural integration of life (bats), earth (caves), and physical (aerodynamics and sound) science. Includes a DVD with printable student pages and 20 photographs of bats and their various habitats.

Grades 2-4  
\$21.95 plus s/h and tax; request item #1125

AIMS Education Foundation  
1595 S. Chestnut Avenue  
Fresno, CA 93702-4706  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

## Beans

*Also see Crops and Soybeans listings*

### Dry Bean Fact and Activity Sheet

This California-specific fact sheet includes information on dry bean production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts on dry beans.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Beef Cattle

*Also see Livestock and Nutrition listings*

### ► Indicates new for 2013-2014

### American Farm Bureau Foundation for Agriculture Materials

#### Beef Ag Mag

Classroom sets of 30 agriculture magazines are provided in a set to explore the production of beef. Topics include nutrition, environmental issues, grazing lands, food safety, history, breeds, anatomy, and vocabulary.

Grades 4-6  
\$5

#### Beef Ag Mag Teacher's Guide

This 25-page teacher's guide accompanies the Beef Ag Mag, providing an activity for each section. Includes graphs, geographic and nutritional information.

Grades 4-6  
1-49 copies, \$4 each  
50+ copies, \$3 each

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

### ► Beef Commodity Reader

This four-page color booklet features essential information about cattle. Student readers will learn about cattle breeds, uses, history, production statistics, and careers.

Grades 6-12  
Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### Beef Fact and Activity Sheet

This California-specific fact sheet includes information on beef production, history, and economic value. The activity sheet provides lesson ideas and interesting facts on beef.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### California Beef Council Materials

#### Basics About Beef

This colorful, 24-page booklet for consumer science students covers the nutritional benefits of beef as well as all aspects of buying, storing, preparing, and serving beef. The 8 ½" x 11" booklet also contains word puzzles that offer an interesting way to reinforce and review the information found in the booklet. Answers to games and puzzles are available in the download section of [www.teachfree.com](http://www.teachfree.com).

Grades 5-12  
Free

#### Beef Ag Mag

A four-page agricultural newspaper for kids. This newspaper talks about cattle and the environment, beef statistics, nutritional information, food safety, branding, beef vocabulary, beef breeds, and more.

Grades 3-9  
Free



**Beefman**

With this activity booklet about beef, kids can have fun doing word finds, crossword puzzles, and more while learning about beef.

Grades K-6

Free

**Celebrate America**

This social studies supplement provides students with the opportunity to explore the foods and traditions of their own individual cultural backgrounds and gather information about how and when their families came to America. The kit includes a video, leader's guide containing activity masters, and a full-color poster. This resource is aligned with California Content Standards.

Grades 4-5

Free

**Things We Can Learn From a Cow and a Worm**

Colorful education poster with accompanying activities demonstrates the positive role ruminants, especially cattle, play in our environment. A teacher's guide and reproducible master are printed on the reverse side. This resource is aligned with California Content Standards.

Grades 5-6

Free

**Wow That Cow**

An informational tri-fold brochure designed for kids to understand the many significant contributions cattle provide for humans and the environment. Also includes by-products information and nutritional information about beef.

Grades 4-12

Free

California Beef Council  
4640 Northgate Boulevard, Suite 115  
Sacramento, CA 95834  
Phone: (916) 925-2333  
Fax: (916) 925-8155  
E-mail: [askus@calbeef.org](mailto:askus@calbeef.org)  
Website: [www.calbeef.org](http://www.calbeef.org)  
Website: [www.teachfree.com](http://www.teachfree.com)  
Website: [www.beefnutrition.org](http://www.beefnutrition.org)  
Website: [www.zip4tweens.com](http://www.zip4tweens.com)

**Kern County CattleWomen Materials****Cattle Country**

This four-page, full-color pamphlet is designed to teach children about life on a cattle ranch, beef nutrition, and everyday by-products. The pamphlet uses kid-friendly activities such as "I Spy," word searches, crosswords, drawing, and other fun activities.

Grades 3-4

Free class set

Include mailing address and quantity with your request

**► Life on a Cattle Ranch: A Child's Perspective**

In this 11-minute video, California ranch children tell their story. Students will learn about youth responsibilities, the various ways ranchers care for their animals, and the adventure of participating in a cattle drive. Includes a "Guide to Ranch Life" agricultural magazine for students.

Grades K-8

\$10; plus shipping

Kern County CattleWomen  
22474 Walser Road  
Caliente, CA 93518  
Phone: (661) 867-2906  
E-mail: [kteachersag@aol.com](mailto:kteachersag@aol.com)

**Bees**

*Also see Honey, Insects and Mathematics listings*

**Buzzing a Hive**

This guide explores the complex social behavior, communication, and hive environment of the honey bee through activities that mix art, literature, role-play, and drama.

Grades K-3

\$20 plus shipping and tax

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

**Dadant & Sons Materials****Honey Bee Coloring Book**

Students can have fun coloring while they learn about bees and honey in this 24-page booklet. Also includes activities.

Grades K-6

\$0.29

**Honey Bee Life Cycle Chart**

Poster-sized chart illustrates the life cycle of queen, worker, and drone honey bees.

Grades 3-12

\$14.65 plus s/h, tax

**Honey Bee Study Prints**

Twelve 13" x 18" color enlargements depicting various honey bee behavioral characteristics and beekeeping scenes. Instructional materials, printed on the back of each color photograph, tell what can be observed and learned from the picture, asks questions, gives additional information on the subject, and suggests other sources of information.

Grades K-12

\$26.95 plus s/h, tax

Dadant & Sons  
2765 South Golden State Boulevard  
Post Office Box 2819  
Fresno, CA 93745  
Phone: (559) 495-0230  
Toll free: (877) 432-3268  
Fax: (559) 495-0232  
E-mail: [dadantca@dadant.com](mailto:dadantca@dadant.com)  
Website: [www.dadant.com](http://www.dadant.com)

**Biotechnology**

*Also see Careers, Genetics and Science listings*

**► Indicates new for 2013-2014****American Farm Bureau Foundation for Agriculture Materials****Biotechnology Ag Mag**

This magazine covers a biotechnology timeline, a discussion on DNA structure and function, information on future foods and medicines, and a list of careers.

Grades 4-6

\$5

**Bringing Biotechnology to Life Video**

This 20-minute video provides an excellent introduction to the applications of biotechnology in food, fuel, and medicine. Designed for middle school audiences, it can be used with any group that does not understand biotechnology. A 50-page teacher's guide includes a timeline activity, introduction to biotechnology, finding your own DNA, and labeling.

Grades 7-12

\$18.50

Teacher's Guide \$5

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

**Biotechnology at Your Desktop CD-ROM**

This CD-ROM has step-by-step video clips, flash animation, and printed instructions to help teachers and students complete seven biotechnology labs.

Grades 7-12

\$6 plus s/h; quantity discounts available

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenh@nefb.org](mailto:ellenh@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

**Biotechnology in the Field**

This unit consists of six lessons about biotechnology used in agricultural production. Through background information from realistic memos, board meetings, and experiments, students are asked to address the challenge of maintaining cotton production with a diminishing water supply. Aligned to the Content Standards for California Public Schools.

Grades 9-12

Free; also available online

Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

**Biotechnology Industry Organization**

A variety of basic and detailed information on biotechnology, including genetic engineering, is available.

Grades 7-12

Free online information

Biotechnology Industry Organization  
1201 Maryland Avenue SW, Suite 900  
Washington, DC 20024  
Phone: (202) 962-9200  
Fax: (202) 488-6301  
E-mail: [info@bio.org](mailto:info@bio.org)  
Website: [www.bio.org](http://www.bio.org)

### Biotechnology Institute

The mission of this organization is to engage, excite, and educate the public, particularly youth, about biotechnology and its potential for resolving challenges in human health, food, and the environment. A variety of programs and conferences are available for those who wish to have a career in biotechnology.

Grades 7-adult  
Free online information

Biotechnology Institute  
1201 Maryland Avenue SW, Suite 900  
Washington, DC 20024  
Phone: (202) 312-9269  
Fax: (202) 488-6301  
E-mail: [info@biotechinstitute.org](mailto:info@biotechinstitute.org)  
Website: [www.biotechinstitute.org](http://www.biotechinstitute.org)

### Council for Biotechnology Information

This organization's purpose is to share information about biotechnology, relying on scientific research, expert opinion, and published reports. Free information includes a brochure, *Biotechnology: Good Ideas Are Growing*, and an activity book for children, *Look Closer at Biotechnology*.

Grades K-adult  
Free online information

Council for Biotechnology Information  
1201 Maryland Avenue SW Ste 900  
Washington, DC 20024  
Phone: (202) 962-9200  
Website: [www.whybiotech.com](http://www.whybiotech.com)

### Exploring Biodiversity: The Search for New Medicines

This DVD showcases four presentations from doctors that reveal how a deeper understanding of nature and biodiversity transforms research into new medicines. Poster also available.

Grades 9-adult  
Free

Howard Hughes Medical Institute  
4000 Jones Bridge Road  
Chevy Chase, MD 20815  
Phone: (301) 215-8500  
Website: [www.hhmi.org](http://www.hhmi.org)

### Food Biotechnology: A Communications Guide to Improving Understanding

This speaker's manual, which includes background information, hands-on activities, PowerPoint presentations, and more, educates speakers in the food community about biotechnology. It discusses current issues and the history of biotechnology. Other resources also available online.

Grades 9-adult  
\$19.95, quantity discounts available

International Food Information Council Foundation (IFIC)  
Attn: Understanding Our Food/Farm to Fork Resources  
1100 Connecticut Avenue NW, Suite 430  
Washington, DC 20036  
Phone: (202) 296-6540  
Fax: (202) 269-6547  
Website: [www.foodinsight.org](http://www.foodinsight.org)

### Genetic Engineering in California Agriculture

This 30-minute VHS or DVD explains the science behind genetic engineering, outlines its uses in food crops and animals, details where and why this technology is being used by California farmers, and examines the science-based concerns pertaining to the use of genetic engineering in agricultural production systems.

Grades 9-adult  
\$20 plus tax, s/h

University of California Agriculture & Natural Resources  
Communication Services  
Phone: (530) 757-8304  
Website: [anrcatalog.ucdavis.edu](http://anrcatalog.ucdavis.edu)

### Genetically Modified Crops: Resources for Environmental Literacy

This resource illustrates how to use the issues surrounding GM crops as a powerful learning tool for teaching about the nature of science, genetics, and technology. Includes background information for teachers, a suggested teaching approach, and student activities and materials.

Grades 9-12  
\$10.95 plus s/h; also available online

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

## ► High-Tech Harvest: Genetic Engineering and the Environment

In this unit, students examine traditional and modern techniques of manipulating plant, animal, and bacterial DNA, a process known as genetic engineering. This unit is part of the California Education and the Environment Initiative (EEI).

Grades 9-12

Free; available online only

Office of Education and the Environment  
1001 I Street  
Sacramento, CA 95812  
Phone: (916) 341-6769  
Website: [www.calepa.ca.gov/education/EEI](http://www.calepa.ca.gov/education/EEI)

## Virtual Plant Biotechnology and Genomics Laboratory

This software program immerses students in five different scenarios. In each case, students research and isolate a gene of interest, transform a virtual plant, and explore the controversial issues surrounding transgenic crops. In addition to gaining familiarity with equipment and techniques in the virtual lab, students are provided with topical readings, background information, and videos of researchers at work.

Grades 9-adult

Free; also available online

Barbara Soots  
Department of Plant Pathology  
University of California, Davis  
One Shields Avenue  
Davis, CA 95616  
Phone: (530) 752-6552  
Fax: (530) 754-4410  
E-mail: [besoots@ucdavis.edu](mailto:besoots@ucdavis.edu)  
Website: [pbge.ucdavis.edu](http://pbge.ucdavis.edu)

## Seed Biotechnology Center Website

This website contains detailed information about seed biotechnology and includes scientific publications and links for the in-depth study of biotechnology.

Grades 10-adult

Free online information

The Seed Biotechnology Center  
University of California  
One Shields Avenue  
Davis, CA 95616  
Website: [sbc.ucdavis.edu](http://sbc.ucdavis.edu)  
Website: [www.plantsciences.ucdavis.edu](http://www.plantsciences.ucdavis.edu)  
Website: [rics.ucdavis.edu](http://rics.ucdavis.edu)  
Website: [pba.ucdavis.edu](http://pba.ucdavis.edu)

## Birds

Also see *Wildlife listings*

### Flying WILD

Flying WILD, a program of the Council for Environmental Education, introduces middle school students to bird conservation through standards-based classroom activities and environmental stewardship projects. Flying WILD encourages schools to work closely with conservation organizations, community groups, and businesses involved with birds to implement school bird festivals—events in which students take a leading role in teaching their classmates and community about migratory birds. A national network of urban partners will provide educators with Flying WILD training and materials, including the program guide, *Flying WILD: An Educator's Guide to Celebrating Birds*.

Grades K-8

Free online information

Project Wild National Office  
5555 Morningside Drive, Suite 212  
Houston, TX 77005  
Phone: (713) 520-1936  
Fax: (713) 520-8008  
E-mail: [info@projectwild.org](mailto:info@projectwild.org)  
Website: [www.projectwild.org](http://www.projectwild.org)  
Website: [www.flyingwild.org](http://www.flyingwild.org)  
Website: [www.councilforee.org](http://www.councilforee.org)  
Website: [www.birdeducation.org](http://www.birdeducation.org)

### Native Bird Connections

This organization and website have information and lesson ideas that teach students and the public about the natural world around them using birding as the focus.

Grades 2-adult

Free online information

Native Bird Connections  
PMB 156-6680 Alhambra Avenue  
Martinez, CA 94553-6105  
Phone: (925) 963-9753  
E-mail: [buteo@nativebirds.org](mailto:buteo@nativebirds.org)  
Website: [www.nativebirds.org](http://www.nativebirds.org)

## Understanding Avian Influenza

A lesson plan for high school science students. Develop your students' problem-solving skills and knowledge using a real life application: the spread of highly pathogenic avian influenza (H5N1) in poultry and wild birds. [www.csrees.usda.gov/avianlessonplan.pdf](http://www.csrees.usda.gov/avianlessonplan.pdf)

Grades 8-12  
Free; available online only

National Institute of Food and Agriculture  
1400 Independence Avenue SW, Mail Stop 2215  
Washington, DC 20250-2215  
Phone: (202) 720-2727  
Fax: (202) 690-0062  
E-mail: [rali@nifa.usda.gov](mailto:rali@nifa.usda.gov)  
Website: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
Website: [www.nifa.usda.gov/nea/education/in\\_focus/education\\_if\\_aic.html](http://www.nifa.usda.gov/nea/education/in_focus/education_if_aic.html)  
Website: [www.agclassroom.org](http://www.agclassroom.org)

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## Blueberries

*Also see Berries listings*

### U.S. Highbush Blueberry Council Materials

#### Blueberry Power! Menu Activities

One side of this activity sheet includes recipes, facts, and games. The other side provides a bordered white space for school food managers to print the monthly lunch menu.

Grades K-8  
Free

#### Get the Scoop on Blueberries Poster

Colorful wall poster that includes fun facts and snack ideas.

Grades K-8  
Free

#### Learning Activity Sheets

Students practice math and reading skills on these downloadable activity sheets. Activities build skills in math, language arts, and social studies.

Grades 3-4, 5-6  
Free; available online

## U.S. Highbush Blueberry Council

This website provides basic information on the blueberry industry and information on how these berries are grown.

Grades 3-adult  
Free online

U.S. Highbush Blueberry Council  
80 Iron Point Circle  
Suite 114  
Folsom, CA 95630  
Phone: (916) 983-0111  
Fax: (916) 983-9022  
E-mail: [info@blueberry.org](mailto:info@blueberry.org)  
Website: [www.blueberry.org](http://www.blueberry.org)

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## Botany

*Also see Gardening, Horticulture, Science and individual listings*

### ► Indicates new for 2013-2014

### AIMS Education Foundation Materials

#### The Budding Botanist: Investigations With Plants

Investigate how the structure and function of flowers, leaves, roots, and stems help plants live, grow, and reproduce. Students develop content knowledge along with process skills such as observing, measuring, organizing, data, and communicating results. Includes 26 activities over 122 pages, and a CD with printable student pages. An electronic version is also available.

Grades 3-6  
Print version, \$21.95 plus s/h; request item #1213  
Electronic version, \$19.95; request item #DB1213

#### Primarily Plants

Students explore plant growth, seeds and spores, plant needs, and plant parts. They dissect seeds and create plastic bag gardens. Includes 29 activities on 196 pages and a CD with printable student pages. An electronic version is also available.

Grades K-3  
Print version, \$24.95 plus s/h, tax; request item #1105  
Electronic version, \$19.95; request item #DB1105

### Sensational Springtime

This 142-page curriculum engages students in planting seeds, flying kites, exploring the attributes of eggs, and much more with spring-related math and science investigations. Feature 24 activities that include “Sowing and Growing,” “Parents and Their Offspring,” “Blowing in the Wind,” “Earth Day Every Day,” and “Data Collection and Organization.” An electronic version is also available.

Grades K-2

Print version, \$21.95 plus s/h, tax; request item #1118

Electronic version, \$19.95; request item #DB1118

AIMS Education Foundation  
1595 S. Chestnut Avenue  
Fresno, CA 93702-4706  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsedu@aimsedu.org](mailto:aimsedu@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

### Botanical Society of America Materials

#### ► BSA’s Classroom

The BSA’s Classroom “PLANT Talking Points” is designed as a tool for sharing ideas and concepts that highlight the role plants play in our lives, and in the world around us. It’s an easy resource to use, created to get students thinking about and exploring various plant related topics. The Plant Talking Points will evolve as a simple and valuable tool for educators. [www.botany.org/PlantTalkingPoints/](http://www.botany.org/PlantTalkingPoints/)

Grades 6-12

Free online

#### PlantingScience.org

PlantingScience is a learning and research resource bringing together students, plant scientists, and teachers from across the nation. Students engage in hands-on plant investigations, working with peers and scientist mentors to build collaborations and to improve their understanding of science.

Grades 6-12

Free online

Botanical Society of America Business Office  
Post Office Box 299  
St. Louis, MO 63166-0299  
Phone: (314) 577-9566  
Fax: (314) 577-9515  
E-mail: [bsa-manager@botany.org](mailto:bsa-manager@botany.org)  
Website: [www.botany.org/bsa/careers](http://www.botany.org/bsa/careers)  
Website: [www.PlantingScience.org](http://www.PlantingScience.org)

### Plants Database

This website, maintained by the Natural Resource Conservation Service, provides a single source of standardized information about plants. It includes a monthly plant feature and information, both general and technical, on most plants in North America.

Grades 4-adult

Free; available online only

Plants Database  
Website: [plants.usda.gov](http://plants.usda.gov)

### Root-View Farm

Observe what plant roots really look like underground with this specially designed kit that has a root-viewing window. Comes with seeds and instructions.

Grades 1-6

\$26.99 plus shipping and tax

Insect Lore  
Post Office Box 1535  
132 Beech Street  
Shafter, CA 93263  
Toll free: (800) LIVE BUG  
Fax: (661) 746-0334  
E-mail: [livebug@insectlore.com](mailto:livebug@insectlore.com)  
Website: [www.insectlore.com](http://www.insectlore.com)

### Wisconsin Fast Plants/Bottle Biology Notes

Website provides teachers with lesson plans and teaching ideas using the quick-growing Wisconsin Fast Plants. Can be read at and downloaded from the Wisconsin Fast Plants website. Workshops available.

Grades K-12

Available free online

Wisconsin Fast Plants  
University of Wisconsin-Madison  
1630 Linden Drive  
Madison, WI 53706  
Fax: (608) 263-0744  
E-mail: [info@fastplants.org](mailto:info@fastplants.org)  
Website: [www.fastplants.org](http://www.fastplants.org)

## Bread

*Also see Grains and Wheat listings*

### Magic Dough Show Breadmake Box

Working in pairs, students measure, mix, and knead ingredients to create a one-pound loaf of wheat bread. Kids learn math and science skills while working with yeast, flour, sweetener, oil, salt, and water. Aprons, bowls, measuring utensils, pans, key ingredients, and instructions included. Free 7-minute DVD activity overview available upon request with purchase. Free online curriculum resources also available.

Grades K-8

14-loaf kit \$27.95 plus s/h

30-loaf kit \$51.95 plus s/h

Total Health Intl Inc - Breadmake  
18125 Dogwood Drive  
Conroe, TX 77303  
Phone: (936) 264-3478  
E-mail: [breadmake@aol.com](mailto:breadmake@aol.com)  
Website: [www.breadmake.com](http://www.breadmake.com)

## Cantaloupe

### Cantaloupe Fact and Activity Sheet

This California-specific fact sheet includes information on cantaloupe production, history, and economic value. The activity sheet provides lesson ideas and interesting facts on cantaloupes.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Careers

*Also see Biotechnology listings*

### Agriculture: The Natural Choice

This brochure describes ag-related career opportunities, focusing on six categories and highlighting eight career choices.

Grades 7-adult

\$5.21 package of 50

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### American Chemical Society

Information on careers in chemistry.

Grades K-12

Free online information

American Chemical Society  
1155 Sixteenth Street NW  
Washington, DC 20036  
Toll free: (800) 227-5558  
Fax: (202) 872-6067  
Website: [www.acs.org](http://www.acs.org)

### Career Ag Mag

Classroom sets of 30 agriculture magazines are provided in a set focused on a wide array of careers in agriculture.

Grades 4-6

\$5

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

## Discover Futures in Agricultural, Food, and Biological Engineering

This special issue of the ASABE member magazine describes career possibilities for students interested in engineering for agricultural, food, and biological systems.

Grades 9-adult

One free; quantity pricing available

American Society of Agricultural and Biological Engineers  
2950 Niles Road  
St. Joseph, MI 49085-9659  
Phone: (269) 429-0300  
Toll free: (800) 371-2723  
Fax: (269) 429-3852  
E-mail: [hq@asabe.org](mailto:hq@asabe.org)  
Website: [www.asabe.org](http://www.asabe.org)

## Careers in Botany

This online resource provides information and examples about the possible careers associated with botany. Includes profiles and statements from Botanical Society of America members. Visit [www.botany.org/bsa/careers](http://www.botany.org/bsa/careers).

Grades 7-adult

Free online information

Botanical Society of America Business Office  
Post Office Box 299  
St. Louis, MO 63166-0299  
Phone: (314) 577-9566  
Fax: (314) 577-9515  
E-mail: [bsa-manager@botany.org](mailto:bsa-manager@botany.org)  
Website: [www.botany.org/bsa/careers](http://www.botany.org/bsa/careers)  
Website: [www.PlantingScience.org](http://www.PlantingScience.org)

## Bringing Agriculture to Life

This interactive CD-ROM introduces students to agricultural careers. It includes a trivia game called the "Know Show," a career interest inventory, and a "Career Challenge" game. The disk also includes white papers on issues facing today's agriculture. The career information is general in nature, but does have specific areas and ranges for Tennessee. It was produced as a joint effort between the Farm Bureau, Extension Service, and Farmers Co-op with partial funding from the Tennessee Department of Agriculture.

Grades 7-12

\$5

Tennessee Foundation for Agriculture in the Classroom  
Post Office Box 313  
Columbia, TN 38402  
Phone: (931) 388-7872 ext. 2217  
Fax: (931) 388-5818  
E-mail: [ccurtis@tbf.com](mailto:ccurtis@tbf.com)  
Website: [www.tnfarmbureau.org](http://www.tnfarmbureau.org)

## Choose Horticulture

This flier on careers in horticulture lists colleges and universities with programs available throughout the state.

Grades 7-12

Free

California Association of Nurseries and Garden Centers  
1521 I Street  
Sacramento, CA 95814  
Phone: (916) 928-3900  
Fax: (916) 567-0505  
E-mail: [info@cangc.org](mailto:info@cangc.org)  
Website: [www.cangc.org](http://www.cangc.org)

## California Colleges

This website has a variety of materials about California colleges and universities. Under the "explore colleges" section, one can search for agricultural careers using "agriculture" as the search topic.

Grades 6-12

Available online

California Colleges  
Website: [www.californiacolleges.edu](http://www.californiacolleges.edu)

## Career Opportunities in Wood Science and Technology

Information on various careers in wood science and technology, including manufacturing, marketing, and research positions.

Grades 7-12

Free; available online only

Society of Wood Science and Technology  
Post Office Box 6155  
Monona, WI 53716  
Phone: (608) 577-1342  
Fax: (608) 467-8979  
E-mail: [vicki@swst.org](mailto:vicki@swst.org)  
Website: [www.swst.org](http://www.swst.org)

## Careers in Plant Pathology

This brochure describes careers in plant pathology, a science that specializes in plant health.

Grades 7-12

Free; also available online

American Phytopathological Society  
3340 Pilot Knob Road  
Saint Paul, MN 55121  
Phone: (651) 454-7250  
Fax: (651) 454-0766  
E-mail: [aps@scisoc.org](mailto:aps@scisoc.org)  
Website: [www.apsnet.org](http://www.apsnet.org)  
Website: [www.apsnet.org/education/K-12PlantPathways](http://www.apsnet.org/education/K-12PlantPathways)



### Work in the Woods Career Brochure

Full color brochure explores the numerous career opportunities in the field of natural resources. Also offers resources for further research.

Grades 7-12

Free

The Forest Foundation  
1215 K Street, Suite 1835  
Sacramento, CA 95814  
Toll free: (866) 241-8733  
E-mail: [info@calforestfoundation.org](mailto:info@calforestfoundation.org)  
Website: [www.calfoundation.org](http://www.calfoundation.org)

### Grow Your Future

Crop science is the study of growing food, feed, and fiber crops. The brochure defines crop science and its importance, identifies crop scientists and what they do, and provides information on career opportunities.

Grades 7-12

Free; also available online

Crop Science Society of America  
677 South Segoe Road  
Madison, WI 53711  
Phone: (608) 268-4949  
Fax: (608) 273-2021  
E-mail: [lmalison@soils.org](mailto:lmalison@soils.org)  
Website: [www.crops.org](http://www.crops.org)

### Incorporating Agriculture into Academia

A set of seven brochures help teachers and students understand how agriculture relates to high school curriculum and agricultural careers. The brochures complement Wisconsin AITC's "Incorporating Agriculture into Academia Lesson Plans" and the Wisconsin Agribusiness Council's booklet "An Agriculture Career for You." [www.wisagclassroom.org/programs-activities/lesson-plans/incorporating-agriculture-into-academia](http://www.wisagclassroom.org/programs-activities/lesson-plans/incorporating-agriculture-into-academia)

Grades 9-adult

Available online

Wisconsin Agriculture in the Classroom  
Post Office Box 5550  
Madison, WI 53705  
Phone: (608) 828-5719  
Fax: (608) 828-5718  
E-mail: [darneson@wfbf.com](mailto:darneson@wfbf.com)  
Website: [www.wisagclassroom.org](http://www.wisagclassroom.org)

### Living Science

This set of full-color 8 ½" x 11" posters depicts 40 science-related careers in food, agriculture, and natural resources. On the back, each includes information on the types of jobs available in those career areas and how high school students can prepare for those jobs.

Grades 6-12

Free

National Institute of Food and Agriculture  
1400 Independence Avenue SW, Mail Stop 2215  
Washington, DC 20250-2215  
Phone: (202) 720-2727  
Fax: (202) 690-0062  
E-mail: [ralli@nifa.usda.gov](mailto:ralli@nifa.usda.gov)  
Website: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
Website: [www.nifa.usda.gov/nea/education/in\\_focus/education\\_if\\_aic.html](http://www.nifa.usda.gov/nea/education/in_focus/education_if_aic.html)  
Website: [www.agclassroom.org](http://www.agclassroom.org)

### North Valley and Mountain Biotechnology Center

This center and website provide basic and detailed information about biotechnology and associated careers.

Grades 8-adult

Free online information

California Applied Biotechnology Center - North Valley  
American River College  
4700 College Oak Drive  
Sacramento, CA 95841-4286  
Phone: (916) 484-8660  
Fax: (916) 484-8006  
E-mail: [phoenil@arc.losrios.edu](mailto:phoenil@arc.losrios.edu)  
Website: [web.arc.losrios.edu/~biotech](http://web.arc.losrios.edu/~biotech)

### Society of American Florists

This website describes the positions available in the floriculture industry and includes educational guidelines for these careers.

Grades 7-12

Free online information

Society of American Florists  
1601 Duke Street  
Alexandria, VA 22314  
Phone: (703) 836-8700  
Toll free: (800) 336-4743  
Fax: (703) 836-8705  
Website: [www.safnow.org](http://www.safnow.org)

## Soils Sustain Life

Soil science is the study of earth's land and water resources as they relate to agriculture, forestry, rangeland, ecosystems, urban uses, and mining and reclamation. This brochure defines soil science and its importance, identifies soil scientists and what they do, and provides information about career opportunities.

Grades 7-12  
Free

American Society of Agronomy  
677 South Segoe Road  
Madison, WI 53711  
Phone: (608) 268-4949  
Fax: (608) 273-2021  
E-mail: [lmalison@soils.org](mailto:lmalison@soils.org)  
Website: [www.agronomy.org](http://www.agronomy.org)

## Carrots

*Also see Vegetables listings*

### Fresh Carrots Fact and Activity Sheet

This California-specific fact sheet includes information on fresh carrot production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts about carrots.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Grimmway Farms

The Grimmway Farms website has information about carrots, including how to grow them in the classroom, history, trivia, and more. The site includes information about organic fruits and vegetables.

Grades 2-adult  
Free online information

Grimmway Farms  
Website: [www.grimmway.com](http://www.grimmway.com)

## Cheese

*Also see Dairy listings*

### Hilmar Cheese Company Materials

#### Cow to Calcium Virtual Tour

Join Daisy as she takes you on a virtual tour from "Cow to Calcium." The tour section of the website features a virtual tour with animated graphics. Printable activity pages are also available. [www.hilmarcheese.com/Visitor\\_Center/Tour/Virtual\\_Video\\_Tour](http://www.hilmarcheese.com/Visitor_Center/Tour/Virtual_Video_Tour)

Grades PreK-adult  
Free

#### Daisy's Dairy ABC's All About Cheese

This activity booklet introduces students to the dairy cattle lifecycle and anatomy, milk processing, and milk products.

Grades 3-8  
Available online

Hilmar Cheese Company Visitor Center  
9001 North Lander Avenue  
Post Office Box 910  
Hilmar, CA 95324  
Phone: (209) 656-1196  
Toll free: (800) 577-5772  
Fax: (209) 656-1116  
E-mail: [dskidmore@hilmarcheese.com](mailto:dskidmore@hilmarcheese.com)  
Website: [www.hilmarcheese.com](http://www.hilmarcheese.com)

### The Story of California Milk; The Cheesemakers

This website gives information on how milk goes from cow to carton in your local supermarket and each step from separating curds and whey to packaging aged cheese for distribution.

Grades 6-adult  
Free; available online

California Milk Advisory Board  
400 Oyster Point, Suite 211  
South San Francisco, CA 94080  
Phone: (650) 871-6455  
Toll free: (800) 871-3444  
Fax: (650) 583-7328  
Website: [www.RealCaliforniaMilk.com](http://www.RealCaliforniaMilk.com)

# Cherries

## California's Perfect Snack

Information on California's cherry production. Includes data on nutrition, varieties, packing, marketing, and more.

Grades K-12  
One copy free

California Cherry Advisory Board  
Post Office Box 877  
Lodi, CA 95241  
Phone: (209) 368-0685  
Fax: (209) 368-4309  
Website: [www.calcherry.com](http://www.calcherry.com)

## Cherry Fact Sheet

This California-specific fact sheet includes information on cherry production, history, and economic value. The activity sheet provides lesson ideas and interesting facts on cherries.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Cherry Marketing Institute

This website has information on health and nutrition of tart cherries.

Grades 5-adult  
Free online information

Cherry Marketing Institute  
Post Office Box 30285  
Lansing, MI 48909-7785  
Phone: (517) 669-4264  
E-mail: [info@choosecherries.com](mailto:info@choosecherries.com)  
Website: [www.choosecherries.com](http://www.choosecherries.com)

# Chickens

## ► Indicates new for 2013-2014

## ► Eggercise Book

This 20-page booklet about raising backyard chickens features activities and how-to details.

3-6  
Free download

California Department of Food and Agriculture  
Animal Health and Food Safety Services - Animal Health Branch  
1220 N Street  
Sacramento, CA 95814  
Phone: (916) 900-5002  
Website: [www.cdffa.ca.gov/ahfss/ah/](http://www.cdffa.ca.gov/ahfss/ah/)

## Poultry and Egg Production Curriculum

This CD and DVD combo offers a comprehensive look at the commercial poultry and egg industries. The lesson plans are aligned to the California Agriculture Career Technical Education (CTE) Standards and include corresponding presentation slides. Also includes a 10-minute video about the various careers available in the poultry industry.

Grades 6-adult  
Free

California Poultry Federation  
4640 Spyres Way, Suite 4  
Modesto, CA 95356  
Phone: (209) 576-6355  
Fax: (209) 576-6119  
E-mail: [califpoultry@cs.com](mailto:califpoultry@cs.com)  
Website: [www.CPIF.org](http://www.CPIF.org)

## National 4-H Cooperative Curriculum System, Inc. Materials

### Embryology: Chick Development Poster

This 16" x 22" poster features photos of embryo development and serves as a training aid. Shows development from day 3 through day 19.

Grades 6-12  
\$5 plus s/h

### Poultry Youth Activity Guide Set

This set includes three poultry activity guides and a helper's guide. Each guide introduces students to a variety of poultry facts and knowledge, including poultry anatomy, eggs, feathers, careers, and more.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### Poultry and Egg Shell Grading for Quality Teachers Kit

Materials include three brochures and two fact sheets for teachers about quality grading and the grade shield, an 11" x 17" poster for classroom display, and four lesson plans for students in grades 7-12 about purchasing and safe handling.

Grades 9-adult  
Free

USDA Agricultural Marketing Service  
1400 Independence Avenue SW, Stop 0259  
Washington, DC 20250  
Phone: (202) 720-2930  
Website: [www.ams.usda.gov](http://www.ams.usda.gov)

## Citrus

*Also see Fruit listings*

### California Foundation for Agriculture in the Classroom Materials

#### Citrus Fruits Fact and Activity Sheet

This California-specific fact sheet includes information on citrus fruit production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts on citrus fruits.

Grades 6-adult  
Free; also available online

### A "Sour" Subject

Students reinforce their skills of observation, mathematical computation, and written expression by comparing and contrasting grapefruits and lemons.

Grades 5-6  
Free; also available online  
Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Commodities

*Also see individual commodity listings*

### Agricultural Fact and Activity Sheets

These California-specific fact sheets include information on commodity production, history, nutrition, top producing counties, and economic value. The activity sheets provide specific lesson ideas and interesting facts for each topic. Commodities include agricultural water, alfalfa, almonds, artichokes, asparagus, avocados, beef, cantaloupe, cherries, citrus fruits, cling peaches, corn, cotton, cut flowers, dairy, dried plums, dry beans, forest resources, fresh carrots, invasive species, mushrooms, pears, pistachios, plant nutrients-nitrogen, plant nutrients-phosphorus, plant nutrients-potassium, processing tomatoes, rice, spinach, table grapes, strawberries, and walnuts.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

# Corn

*Also see Crops and Grains listings*

## ► Indicates new for 2013-2014

### Corn Ag Mag

Classroom sets of 30 agriculture magazines are provided in a set that explores corn. Topics include corn as an export, a renewable resource, and for use as a fuel and bioplastic.

Grades 4-6  
\$5 plus s/h

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

### Corn Fact and Activity Sheet

This California-specific fact sheet includes information on corn production, history, and nutritional value. The activity sheet provides specific lesson ideas and interesting facts on corn.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## ► Corn Fact Book

The Corn Fact Book includes an overview of who is farming the land today, how they are doing so in a socially responsible way while growing productivity, and the importance of corn as an economic engine. Sections include “Cleaner and Greener,” “Family Corn Farmers,” and more. [www.cornfarmerscoalition.org/fact-book](http://www.cornfarmerscoalition.org/fact-book)

Grades 6-12  
Free download

Corn Farmers Coalition  
632 Cepi Drive  
Chesterfield, MO 63005  
E-mail: [cfc@ncga.com](mailto:cfc@ncga.com)  
Website: [www.cornfarmerscoalition.org](http://www.cornfarmerscoalition.org)

## Crazy About Corn

This package playfully teaches children about corn in early American history, the impact it has had on our culture, and the nutritional and economic value of corn in our modern society. A full package includes a teacher book, student’s activity book, video tape, audio tape with songbook and CD-ROM.

Grades 1-5  
Prices vary

Leading Object  
Post Office Box 30003, MSC 3AI  
Las Cruces, NM 88003-9983  
Phone: (505) 646-5368  
Toll free: (888) 750-4156  
E-mail: [vstudio@nmsu.edu](mailto:vstudio@nmsu.edu)  
Website: [www.leadingobject.com](http://www.leadingobject.com)

## Exploring Corn!

This booklet offers cross-curricular activities for students to explore dent corn, sweet corn, and popcorn. Information is also included about broom corn, a type of sorghum, which is in the same family as corn.

Grades 4-6  
Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## The MAiZe

This website provides a listing of numerous corn mazes throughout the state. Lesson plans and field trip information is included.

Grades K-adult  
Free online information

The MAiZe  
Website: [www.cornfieldmaze.com](http://www.cornfieldmaze.com)

## National Corn Growers Association

The National Corn Growers Association website includes an Educational Resource Center for corn and farm-related information. It is designed for primary and secondary educational resources for teachers and parents.

Grades K-12  
Free; available online only

National Corn Growers Association  
632 Cepi Drive  
Chesterfield, MO 63005-1231  
Phone: (636) 733-9004  
Fax: (636) 733-9005  
E-mail: [corninfo@ncga.com](mailto:corninfo@ncga.com)  
Website: [www.ncga.com](http://www.ncga.com)

## Popcorn and Maize

Designed to help children understand what agriculture is and why it is so important. Activities help raise awareness of the diversity of local and national food production, introduce components of farming, and demonstrate basic ecological concepts related to growing food sustainably.

Grades 3-8

Popcorn: Elementary School, \$19.95

Maize: Upper Elementary and Middle School, \$19.95

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

## The Popcorn Program

This education teaching guide acquaints students with popcorn, its role in history, its many uses, and its nutritional value through facts and recipes. Interdisciplinary lesson plans for grades K-12 and photos of popcorn in various stages of development are also featured on the website.

Grades K-12

Free

The Popcorn Board  
401 North Michigan Avenue, Suite 2200  
Chicago, IL 60611-4267  
Phone: (312) 673-4883  
Toll free: (877) POPALOT  
Fax: (312) 527-6783  
E-mail: [gbertalmio@smithbucklin.com](mailto:gbertalmio@smithbucklin.com)  
Website: [www.popcorn.org](http://www.popcorn.org)

## Cotton

► Indicates new for 2013-2014

### Be Ag Smart! The Cotton Connection

This student newspaper includes facts about growing cotton and the by-products of cotton. Includes games to educate, stimulate ideas, and increase student awareness of cotton—from field to fabric.

Grades 4-8

\$5 for a class set

Texas Farm Bureau Agriculture in the Classroom  
Post Office Box 2689  
Waco, TX 76702  
Phone: (254) 751-2258  
Fax: (254) 751-2671  
E-mail: [kschwieters@txfb.org](mailto:kschwieters@txfb.org)  
Website: [www.beagsmart.org](http://www.beagsmart.org)

## Cotton and the Water Connection

This eight-lesson unit has students discover personal connections to cotton, a valuable export, while critically looking at different viewpoints on irrigated agriculture. Lesson topics include water development, California climate and topography, irrigation, drainage, and salinity. Unit is aligned to the Content Standards for California Public Schools and contains Farm Water Works video, cotton boll, cotton seeds, blackline masters, and color photographs.

Grades 4-6

Free

California Farm Water Coalition  
6133 Freeport Boulevard, 2nd Floor  
Sacramento, CA 95822  
Phone: (916) 391-5030  
Fax: (916) 391-5044  
E-mail: [nsilva@farmwater.org](mailto:nsilva@farmwater.org)  
Website: [www.farmwater.org](http://www.farmwater.org)

### ► Cotton Commodity Reader

This four-page color booklet features essential information about cotton. Student readers will learn about cotton uses, history, vocabulary, production statistics, and careers. Includes a lesson on cotton ginning.

Grades 6-12

Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aicc@ilfb.org](mailto:aicc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### Cotton Fact and Activity Sheet

This California-specific fact sheet includes information on cotton production, history, and economic value. The activity sheet provides specific lesson ideas and interesting facts on cotton.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Cotton's Journey: A Field Trip in a Box

This comprehensive kit contains teacher's manual including cotton information and three curriculum units (grades 1-3, 4-6, and 7-8); student booklet; 23-minute DVD; 22" x 34" photographic poster; planting seeds; cottonseed oil; eleven cotton bolls (Pima and Upland varieties); samples of cotton; cotton fabric dictionary; and additional resources from the cotton industry. All lessons are written for multiple subjects and aligned to California and national education standards. DVD is produced in four segments—history, production, harvesting, and processing. Each segment ends with five lessons compatible with teacher's manual. Individual components may be ordered separately.

Grades 1-8

Free brochure

Complete kit, \$36.95 (book version)

Complete kit, \$33.95 (CD version)

Basic kit, \$25.95 (teacher and student book, video, planting seeds)

Cotton's Journey

K G Associates

Post Office Box 811

Hanford, CA 93232

Toll free: (800) 698-1888

E-mail: [admin@cottonsjourney.com](mailto:admin@cottonsjourney.com)

Website: [www.cottonsjourney.com](http://www.cottonsjourney.com)

### National Cotton Council Materials

#### Cotton and the Consumer

Answers some of the frequently asked questions about the history of cotton fabrics and the care of cotton clothes.

Grades 6-12

Free; available online only

#### Cotton and U.S. Currency

Interesting facts about the use of cotton fiber in U.S. currency.

Grades 7-adult

Free; available online only

#### Cotton Counts

Emphasizes the importance of one of America's cornerstone industries and its contributions to America's economic health.

Grades 9-12

Free; available online only

#### Cotton: From Field to Fabric

This online PDF describes the major steps involved in producing and processing cotton. Topics include economics of cotton, ginning, yarn production, plant diseases, weed control, and more.

Grades 6-adult

Free; available online only

### Cotton: The Perennial Patriot

Traces cotton's role in the history of our nation since 1607.

Grades 9-12

Free; available online only

### The Many Faces of Cotton

Describes the variety of uses of cotton for fiber, food, and fashion.

Grades 6-12

Free; available online only

### The Story of Cotton

Tells the story of cotton—where and how it is grown and harvested.

Grades 6-12

Free; available online only

### What Can You Make With a Bale of Cotton?

Describes the quantity of items one can make with a bale of cotton.

Grades K-12

Free; available online only

National Cotton Council

Communications Service Department

7193 Goodlett Farms Parkway

Cordova, TN 38016

Phone: (901) 274-9030

Fax: (901) 725-0510

E-mail: [info@cotton.org](mailto:info@cotton.org)

Website: [www.cotton.org](http://www.cotton.org)

## Cowboys

### Sons of the San Joaquin

This musical group has a passion for educating others about cowboys and cattle. "The Sons Sing for the Young and the Young at Heart" is a collection of music which has accompanying educational materials. School visits are also available.

Grades K-adult

Free information

Sons of the San Joaquin

491 Herndon Avenue, #253

Clovis, CA 93612

Toll free: (888) THE SONS

Website: [www.thesons.com](http://www.thesons.com)

## Cranberries

### Exploring Cranberries

Through three sections of lesson plans and scenarios, students become acquainted with the cranberry, its habitat, its history, and the people involved in cranberry agriculture.

Grades 3-5

\$20 for DVD; also available free online

Cape Cod Cranberry Growers' Association  
3203-B Cranberry Highway  
East Wareham, MA 02538  
Phone: (508) 759-1041  
Fax: (508) 759-6294  
E-mail: [info@cranberries.org](mailto:info@cranberries.org)  
Website: [www.cranberries.org](http://www.cranberries.org)  
Website: [www.exploringcranberries.org](http://www.exploringcranberries.org)

## Crops

### ► Indicates new for 2013-2014

### Crop Cards

This full-color set of 10 cards provides illustrations of each crop including wheat, corn, oats, sunflowers, soybeans, sugar beets, alfalfa, sorghum, dry edible beans, and potatoes on the front side and the back side has basic facts. Ten seed samples are included.

Grades K-adult

\$6 for each set of 10 cards and seeds plus s/h

Available free online

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenh@nefb.org](mailto:ellenh@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

### ► Seed Soil Sun Educator's Guide

Created to complement the book, "Seed, Soil, Sun," by Cris Peterson, this 12-page guide introduces students to the plant parts we eat, soil types, and seed germination. Teachers can use these lessons to teach reading, math, science, social science, health, and nutrition.

Grades 1-3

\$3.50; plus shipping

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

## Dairy

Also see *Cheese, Goats, Livestock and Nutrition listings*

### ► Indicates new for 2013-2014

### California Foundation for Agriculture in the Classroom Materials

#### Dairy Fact and Activity Sheet

This California-specific fact sheet includes information on dairy production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts on the dairy industry.

Grades 6-adult

Free; also available online

#### Milk Matters: Discovering Dairy

Students discover the many different aspects of life on a dairy farm. From investigating the historical significance of dairy breeds to conquering mathematical business challenges, students will understand why milk matters. This five-lesson unit meets the California State Content Standards in each academic area.

Grades 4-6

Free; also available online

Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

#### Dairy Cattle Youth Activity Guide Set

This set includes three dairy cattle activity guides and a helper's guide. Youth build their dairy knowledge and skills as they complete the hands-on activities included in this series.

Grades 3-5, 6-8, 9-12

\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)



## ► Dairy Commodity Reader

This four-page color booklet features essential information about dairy. Student readers will learn about dairy breeds, uses, history, production statistics, and careers. Includes a lesson on making butter.

Grades 6-12

Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## Discover Dairy

Each lesson plan in this dairy-related series includes a four-minute video clip, complete lesson plan, guided reading pamphlet, and assessment worksheet. The website features supplemental materials including interactive games for students. Copies of the videos, in DVD format, are available by request.

Grades 3-8

Free; also available online

Pennsylvania Dairy Promotion Program  
2301 N. Cameron Street, Room 311  
Harrisburg, PA 17110  
Phone: (717) 787-6903  
Fax: (717) 783-2344  
E-mail: [lperrin@milk4u.org](mailto:lperrin@milk4u.org)  
Website: [www.discoverdairy.com](http://www.discoverdairy.com)

## The Milk Makers

Learn how milk travels from a dairy cow to the neighborhood supermarket in this exciting Reading Rainbow episode created from the story "The Milk Makers" by Gail Gibbons. Available on DVD.

Grades PreK-3

\$29.95-\$74.95

GPN, LLC  
1550 Executive Drive  
Elgin, IL 60123  
Phone: (800) 624-2926 ext. 3375  
Toll free: (800) 228-4630  
Fax: (800) 306-2330  
E-mail: [dpierce@sunburst.com](mailto:dpierce@sunburst.com)  
Website: [www.shopgpn.com](http://www.shopgpn.com)

## Dates

### California Dates

This website gives a brief dissertation on the history of the California date industry and the many nutritional aspects of dates. Includes information and recipes.

Grades 4-adult

Free online information

California Date Administrative Committee  
Post Office Box 1736  
Indio, CA 92201  
Phone: (760) 347-4510  
Toll free: (800) 223-8748  
Fax: (760) 347-6374  
E-mail: [dates2000@earthblink.net](mailto:dates2000@earthblink.net)  
Website: [www.datesaregreat.com](http://www.datesaregreat.com)

## Dried Plums

### Dried Plums Fact and Activity Sheet

This California-specific fact sheet includes information on dried plum production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts on dried plums.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Economics

Also see *Agriculture-General, Cooperatives and Statistics listings*

### ► Indicates new for 2013-2014

#### Agriculture Counts

This lesson explains how counting, statistics, and census help the government determine what kind of help farmers might need to make sure we have enough food to eat. Activities incorporate agriculture into English, math, geography, science, and social studies subjects. [www.nass.usda.gov/Education\\_and\\_Outreach/Lesson\\_Plans/X-07-ag-counts.pdf](http://www.nass.usda.gov/Education_and_Outreach/Lesson_Plans/X-07-ag-counts.pdf)

Grades K-12

Free; available online only

USDA National Agricultural Statistics Service  
1400 Independence Avenue SW, Room 5030  
Washington, DC 20250  
Toll free: (800) 727-9540  
Fax: (202) 690-2090  
E-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov)  
Website: [www.nass.usda.gov](http://www.nass.usda.gov)

#### Change for a Dollar

U.S. notes have a direct connection to agriculture. This 16-page booklet introduces the individuals featured on U.S. currency and their contributions to agriculture. [www.agintheclassroom.org/060605/teachers/printable/ChangeforaDollar.pdf](http://www.agintheclassroom.org/060605/teachers/printable/ChangeforaDollar.pdf)

Grades 5-8

Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

#### Council for Economic Education

Catalog of multi-grade economic education curriculum guides, teaching strategies, and classroom materials. Includes publications for junior and senior high students to help them learn about the complementary relationship between their economic well-being and environmental resources.

Grades K-12

Free online information

Council for Economic Education  
122 East 42nd Street, Suite 2600  
New York, NY 10168  
Phone: (212) 730-7007  
Toll free: (800) 338-1192  
Fax: (212) 730-1793  
E-mail: [customerservice@councilforeconed.org](mailto:customerservice@councilforeconed.org)  
Website: [www.councilforeconed.org](http://www.councilforeconed.org)

## Food Economics and Consumer Choice

This informative, 11-page whitepaper investigates technology's role in increasing world food production 100 percent by 2050. Scientific research, graphs, and facts address the growing challenge of feeding the world.

Grades 9-adult

Free; available online only

Elanco  
Post Office Box 708  
Greenfield, IN 46140  
Phone: (317) 277-3185  
Toll free: (800) 428-4441  
Fax: (317) 276-9434  
Website: [www.elanco.com](http://www.elanco.com)

## Foundation for Teaching Economics

The mission of the FTE is to introduce young individuals, selected for their leadership potential, to an economic way of thinking about national and international issues, and to promote excellence in economic education by helping teachers of economics become more effective educators. The Foundation offers free workshops for high school educators and students. This site includes workshop dates, locations, and registration information, as well as resources, activities, and lesson plans for teaching economics.

Grades 11-12

Free; also available online

Foundation for Teaching Economics  
260 Russell Boulevard, Suite B  
Davis, CA 95616-3839  
Phone: (530) 757-4630  
Fax: (530) 757-4636  
E-mail: [information@fte.org](mailto:information@fte.org)  
Website: [www.fte.org](http://www.fte.org)

## Hands on Banking Website

This interactive website has specific lessons and activities for grades 4-5, 6-8, high school, and adults. Learn the basics, including balancing a checkbook and creating a budget, or investigate more complex topics, such as investing in a college education. The downloadable Instructor Guides provide everything educators need to guide students through real-life scenarios, group discussions, and hands-on activities.

Grades 4-adult

Free; available online only

Hands on Banking  
Website: [www.handsonbanking.com](http://www.handsonbanking.com)

## Office of Education and the Environment Materials

### ► California's Economy: Natural Choices

In this unit, students learn about the natural resources, human resources, and capital resources needed to manufacture goods, and the benefits that result from their production. This unit is part of the California Education and the Environment Initiative (EEI).

Grade 3  
Free; available online only

### ► The Dollars and Sense of Food Production

In this unit, students apply what they know about natural systems and food production to solve a mystery about missing strawberries. This unit is part of the California Education and the Environment Initiative (EEI).

Grade 2  
Free; available online only

Office of Education and the Environment  
1001 I Street  
Sacramento, CA 95812  
Phone: (916) 341-6769  
Website: [www.calepa.ca.gov/education/EEI](http://www.calepa.ca.gov/education/EEI)

## Education - General

### CDE Press

The 2009 Educational Resources Catalog offers a wide selection of materials available from CDE Press. Publications include the Content Standards for California Schools, subject matter frameworks, and a variety of materials to support education and learning.

Grades PreK-12  
Free

California Department of Education  
CDE Press Sales  
1430 N Street, Suite 3207  
Sacramento, CA 95814  
Phone: (916) 445-1260  
Fax: (916) 323-0823  
E-mail: [sales@cde.ca.gov](mailto:sales@cde.ca.gov)  
Website: [www.cde.ca.gov/re/pn/rc](http://www.cde.ca.gov/re/pn/rc)

### Lesson Plan of the Day

View the daily lesson plans and search "agriculture" to try one that has an agricultural twist.

Grades K-12  
Free; available online only

Education World  
Website: [www.educationworld.com](http://www.educationworld.com)

## Eggs

Also see *Chickens listing*

### ► Indicates new for 2013-2014

## American Egg Board Materials

### Cel-egg-brate with Seasons

This seasonal brochure features eight kid-friendly recipes, colorful illustrations, and safety and measuring tips to entice kids to experiment in the kitchen.

Grades 2-6  
Free

### Crack Open This Egg

This egg-shaped brochure lists a dozen reasons to eat eggs, including nutrient value, convenience, economy, cholesterol, and health benefits.

Grades 6-adult  
Free

### Egg Products Reference Guide

This reference guide provides details of various types of egg products, as well as their applications, functionality, and nutrient profiles.

Grades 9-adult  
\$1.20

### Eggs 101: A Video Project

This 29-minute, comprehensive egg production education program teaches young consumers about the animal care practices of the egg industry. A teacher's guide PDF with supplemental reviews and exercises is also available. [www.aeb.org/egg-industry/egg-facts-101](http://www.aeb.org/egg-industry/egg-facts-101)

Grades 4-12  
Free; also available online

### Eggs... Fact or Fiction

Learn about common misconceptions concerning eggs, including food safety, cholesterol and Salmonella issues, and free-range and nutrient enhanced eggs.

Grades 9-adult  
Free

### ► Egg Reader

Eight-page student activity booklet about eggs. Includes a four-page "egg edition" teacher's guide.

Grades 3-5  
\$20 per bundle of 100

**From the Inside Out!**

This poster shows you the parts of the egg and gives you nutrition facts.

Grades K-12  
\$0.65

**It's All in An Egg!**

This poster shows that eggs are packed with numerous nutrients that play a healthful role in the body. Download from [www.eggnutritioncenter.org/page/posters](http://www.eggnutritioncenter.org/page/posters).

Grades K-12  
\$0.50

**Shelly and Sheldon's Eggscellent Adventure**

This 16-page, full-color guide for primary students includes coloring pages, a word search, craft ideas, an egg quiz, experiments, recipes, and more.

Grades K-4  
\$0.44

American Egg Board  
1460 Renaissance Drive  
Park Ridge, IL 60068  
Phone: (847) 296-7043  
Fax: (847) 296-7007  
E-mail: [aeb@aeb.org](mailto:aeb@aeb.org)  
Website: [www.aeb.org](http://www.aeb.org)  
Website: [www.incredibleegg.org](http://www.incredibleegg.org)

**Eggs Eggs Everywhere**

This unit introduces young children to the wonders of eggs of all kinds and develops age-appropriate concepts in biology and life science. Activities combine literature, math, role-playing, drama, and art, and introduce sorting, classifying, and graphing.

Grades PreK-1  
\$18 plus shipping and tax

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

**Embryology Helper's Guides**

Guides titled "Experiments in Poultry Science" and "Hatching Classroom Projects" are designed to provide educators with background information and experimental activities related to life science. Correlated to the National Science Education Standards.

Grades 2-5, 6-8  
Free; available online only

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

**Energy**

► Indicates new for 2013-2014

**Biomass/Renewable Energy Lesson Plans**

This large lesson plan packet contains background information and additional resources for the variety of lessons that focus on biomass products and environmentally-friendly energy resources derived from agricultural products. Use one or all of these lessons in a science unit.

Grades 7-12  
Free; available online only

South Carolina Ag in the Classroom  
Post Office Box 754  
Columbia, SC 29202-0754  
Phone: (803) 936-4409  
Fax: (803) 936-4452  
Website: [www.agclassroom.org/sc](http://www.agclassroom.org/sc)

**Clean Energy Farming: Cutting Costs, Improving Efficiencies, Harnessing Renewables**

This secondary-level, 20-page manual features innovative research and examples of farmers who are improving energy efficiency while saving money. Learn about farmers who implement farming practices that both save energy and protect natural resources, and produce and use renewable fuels.

Grades 9-adult  
Free

Sustainable Agriculture Research and Education  
1122 Patapsco Building  
University of Maryland  
College Park, MD 20742-6715  
Phone: (301) 405-9912  
E-mail: [outreach@sare.org](mailto:outreach@sare.org)  
Website: [www.sare.org](http://www.sare.org)

### ► Fields of Energy Video

Fields of Energy is designed to help students and educators better understand the breadth and importance of the renewable energy industry. An online teacher guide is also available. Focus is on Minnesota resources, but topic is national. [www.mda.state.mn.us/kids/fieldsofenergydvd.aspx](http://www.mda.state.mn.us/kids/fieldsofenergydvd.aspx)

Grades 7-10  
Free; available online

Minnesota Agriculture in the Classroom  
625 Robert Street North  
St. Paul, MN 55155  
Phone: (651) 201-6000  
Toll free: (800) 967-2474  
E-mail: [MDA.Info@state.mn.us](mailto:MDA.Info@state.mn.us)  
Website: [www.mda.state.mn.us](http://www.mda.state.mn.us)

### Go Green!

A booklet created to help further classroom investigation of renewable fuels such as biomass, solar, wind, and water. Activities can be used as supplemental learning in the areas of hands-on science, health and nutrition, reading, math, social studies, writing, and art.

Grades 3-12  
Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aite@ilfb.org](mailto:aite@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### The NEED Program

The National Energy Education Development (NEED) Project offers innovative K-12 educational materials plus teacher and student training workshops and conferences to aid in the delivery of multi-sided education programs. Includes hands-on investigations, classroom activities, and informational texts on the forms and sources of energy, electricity, transportation fuels, energy efficiency and conservation, and opportunities for student leadership and recognition.

Grades K-12  
Prices vary

The NEED Project  
8408 Kao Circle  
Manassas, VA 20110  
Phone: (800) 875-5029  
Toll free: (800) 875-5029  
Fax: (800) 847-1820  
E-mail: [info@need.org](mailto:info@need.org)  
Website: [www.need.org](http://www.need.org)

## Environment

*Also see Agriculture-General, Native Plants, Soil, Trees and Water listings*

### ► Indicates new for 2013-2014

### AIMS Education Foundation Materials

#### Cycles of Knowing and Growing

Explore the cyclical changes common to living systems. As students observe plant, animal, and Earth cycles they will see living things change over time. Students also will become aware of predictable patterns in their own lives. Includes 21 activities over 179 pages. An electronic version is also available.

Grades 1-3  
Print version, \$21.95 plus s/h, tax; request item #1108  
Electronic version, \$19.95; request item #DB1108

#### Exploring Environments

Take your students on expeditions to eight different environments including deserts, mountains, oceans, and prairies. Sample plants and animals and background information are given so students can examine interactions among living things. Teaching tips are given for each grade level. Includes a CD with printable pages. Eight full-color environment posters (17" x 22") are also available.

Grades K-6  
Book only, \$21.95 plus s/h, tax; request item #1215  
Posters only, \$16.95 plus s/h, tax; request item #1635  
Book and poster set, \$33.25 plus s/h, tax; request item #4020  
Electronic version, \$19.95; request item #DB1215

#### Field Detectives: Investigating Playground Habitats

Student sleuths will look closely at diverse habitats in and around the school playground, searching for evidence of life and clues to the natural world around them. Twenty-six activities over 179 pages emphasize the provision of needs within a habitat for food, water, air, shelter, and space. Students investigate relationships found within all habitats regardless of size or location. An electronic version is also available.

Grades 3-6  
Print version, \$24.95 plus s/h and tax; request item #1214  
Electronic version, \$22.95; request item #DB1214

AIMS Education Foundation  
1595 S. Chestnut Avenue  
Fresno, CA 93702-4706  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

## Agriculture and the Environment

This guidebook provides information and lesson activities that teachers can use to incorporate topics on agriculture and the environment. The six chapters focus on issues, food safety, pesticides and pest management, water quality, wetlands, and endangered species. Each chapter has a classroom activity and resources for further exploration.

Grades 6-9

1-49 copies, \$4.50 each

50+ copies, \$4 each

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

## Caretakers All

This environmental education teaching kit was developed to help teach students the principles of environmental stewardship, animal husbandry and, ultimately, good “caretaking.” The kit includes a 21-page teacher’s guide consisting of six lessons, a CD containing reproducible photos and activity sheets for each lesson, and more. This resource is aligned with California Content Standards.

Grades 5-8

Free

California Beef Council  
4640 Northgate Boulevard, Suite 115  
Sacramento, CA 95834  
Phone: (916) 925-2333  
Fax: (916) 925-8155  
E-mail: [askus@calbeef.org](mailto:askus@calbeef.org)  
Website: [www.calbeef.org](http://www.calbeef.org)  
Website: [www.teachfree.com](http://www.teachfree.com)  
Website: [www.beefnutrition.org](http://www.beefnutrition.org)  
Website: [www.zip4tweens.com](http://www.zip4tweens.com)

## California Regional Environmental Education Community (CREEC)

The CREEC Network, a source for environmental education resources in California, divides the state into numerous regions, each with a local coordinator. Free e-newsletter subscription is available.

Grades K-12

Free online information

CREEC  
Phone: (916) 319-0241  
Website: [www.creec.org](http://www.creec.org)

## California’s Green

This television series highlights what innovative and creative Californians are doing to solve environmental challenges. Interesting topics provide students with practical ideas and knowledge that can be implemented. Episodes include “Green Gardener,” “Methane,” “Hydroponics,” and more.

Grades 6-adult

\$21.70 VHS; \$24.96 DVD

Huell Howser Production  
4401 Sunset Boulevard  
Los Angeles, CA 90027  
E-mail: [huell@calgold.com](mailto:huell@calgold.com)  
Website: [www.calgold.com](http://www.calgold.com)

## Create from Waste!

This activity guide has 20 hands-on activities designed to educate students to find ways to reduce the amount of waste they send to the landfills. Some activities include investigating food, exploring soil, and worm composting.

Grades K-3

\$19.95

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

## Disney’s Planet Challenge

Disney’s Planet Challenge (DPC) is a project-based learning environmental competition for classrooms across the United States. DPC teaches kids about science and conservation while empowering them to make a positive impact on their communities and planet. DPC offers two tracks of competition: elementary (grades 3-5) and middle school (grades 6-8).

Grades 3-8

Free; available online only

Disney Planet Challenge  
500 South Buena Vista Street  
Mailcode: 6445  
Burbank, CA 91521  
Phone: (818) 567-5330  
Toll free: (877) 235-1399  
Fax: (818) 567-5330  
E-mail: [questions@disneysplanetchallenge.com](mailto:questions@disneysplanetchallenge.com)  
Website: [www.disney.go.com](http://www.disney.go.com)  
Website: [disney.go.com/planetchallenge](http://disney.go.com/planetchallenge)

### ► Exploring Your Environment

Designed for middle school-aged youth to learn about the environment, each section of the curriculum focuses on an environmental question or issue and has a corresponding activity that allows you to jump right into real-world issues that affect your life.

Grades 7-8  
\$5.95

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### ► From Field to Table

Through this unit, students discover how food production and consumption took place long ago compared with the processes used today. This unit is part of the California Education and the Environment Initiative (EEI).

Grade 2  
Free; available online only

Office of Education and the Environment  
1001 I Street  
Sacramento, CA 95812  
Phone: (916) 341-6769  
Website: [www.calepa.ca.gov/education/EEI](http://www.calepa.ca.gov/education/EEI)

### Inside-Out: Environmental Science in the Classroom and the Field

Field and classroom-based activities integrate Earth science, chemistry, physical geography, and life science into the study of the environment. Each chapter begins with a primer covering basic concepts and continues with inquiry-based activities that are organized around a driving question. Chapters cover water, physical geography, soil, topography, nutrients and energy, and biodiversity.

Grades 3-8  
\$22.95 plus s/h

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

### Keepers of the Earth, Native American Stories and Environmental Activities for Children

Interdisciplinary, comprehensive curriculum guide that incorporates Native American stories and encourages respect for the environment. Teacher guide available.

Grades K-8  
\$21.95 plus s/h

Fulcrum Publishing  
4690 Table Mountain Drive, Suite 100  
Golden, CO 80403  
Phone: (303) 277-1623  
Toll free: (800) 992-2908  
Fax: (303) 279-7111  
Website: [www.fulcrumbooks.com](http://www.fulcrumbooks.com)

### National Association of Conservation Districts (NACD)

This organization has a supply of educational resources related to conserving Earth's natural resources. Colorful student booklets and teacher guides have been developed for the Stewardship Week program, but can be used all through the year. A national poster and photography contest are held yearly. Poster contest theme is the NACD Stewardship Week theme.

Grades K-adult  
Prices vary

National Association of Conservation Districts (NACD)  
509 Capitol Court NE  
Washington, DC 20002-4937  
Phone: (317) 326-2952  
E-mail: [stewardship@nacdn.net](mailto:stewardship@nacdn.net)  
Website: [www.nacdnet.org](http://www.nacdnet.org)  
Website: [www.nacdstore.org](http://www.nacdstore.org)  
Website: [www.nacdnet.org/education](http://www.nacdnet.org/education)  
Website: [www.nacdnet.org/education/resources](http://www.nacdnet.org/education/resources)

### Office of Education and the Environment Materials

#### ► Cycle of Life

In this unit students learn that the stages of growth and development vary among different plants and animals, and that humans benefit from and depend on animal and plant reproduction to meet a variety of needs. This unit is part of the California Education and the Environment Initiative (EEI).

Grade 2  
Free; available online only

### ► A Day In My Life

In this unit, students build an understanding of the concept of resources and where they come from. This unit is part of the California Education and the Environment Initiative (EEI).

Grade K

Free; available online only

Office of Education and the Environment  
1001 I Street  
Sacramento, CA 95812  
Phone: (916) 341-6769  
Website: [www.calepa.ca.gov/education/EEI](http://www.calepa.ca.gov/education/EEI)

### Pollinators and Pesticide Stewardship

Pesticides play an important role in controlling insects, weeds, and diseases on farms and in urban landscapes. The areas treated for pests are often shared by pollinators which are attracted to blooming flowers for pollen and nectar. These pollinators can include not only honey bees but other insects such as butterflies, beetles, wasps, flies, birds, and bats. This brochure provides guidelines to follow before treating an area with pesticides when pollinators are present.

Grades 6-adult

Free; also available online

Coalition for Urban/Rural Environmental Stewardship (CURES)  
531-D North Alta Avenue  
Dinuba, CA 93618-3203  
Phone: (559) 591-1995  
Fax: (559) 591-5744  
E-mail: [parry@curesworks.org](mailto:parry@curesworks.org)  
Website: [www.curesworks.org](http://www.curesworks.org)

### Project Learning Tree Materials

#### Exploring Environmental Issues: Biodiversity

This secondary module uses biodiversity as a window through which secondary students investigate the environment. It permits educators and students to step back from specific issues and species and to examine broader concepts and larger connections—not just biological, but political, cultural, ethical, and economic as well. Students will learn that decisions about growth and development, invasive species, and water quality, all relate to biodiversity.

Grades 9-adult

Free with workshop attendance

#### Exploring Environmental Issues: Focus on Risk

This lesson guide helps educators introduce students to the rationale for and mechanics of risk assessment, risk management, and risk communication. It provides a framework where they can apply scientific processes and higher order thinking skills.

Grades 9-14

Free with workshop attendance

### Exploring Environmental Issues: Places We Live

This secondary curriculum includes eight lessons with a focus on “place-based” issue investigation. Activities focus on neighborhoods, communities, and planning for the future.

Grades 7-12

Free with workshop attendance

### Global Connections: Forests of the World

This education module provides educators with a series of activities to help students gain an increased understanding and appreciation of the diversity of world forest environments. An emphasis is placed on the human interaction with and dependence on those environments. The activities provide students with opportunities to apply scientific processes and higher order thinking skills while investigating world forestry issues and conducting service learning action projects.

Grades 9-adult

Free with workshop attendance

### Project Learning Tree

Activity guides and secondary modules help educate students about forest ecology, wildland fires, municipal solid waste, energy conservation, and natural resources. Secondary materials focus on issue investigation, forest ecology, biodiversity, municipal solid waste, risk assessment, economics, global forest issues, and “place-based” education. A workshop must be attended to receive materials. Green Works grants available to workshop participants.

Grades PreK-12

List of workshop schedules on website

Project Learning Tree  
California Department of Forestry and Fire Protection  
Post Office Box 944246  
Sacramento, CA 94244-2460  
Phone: (916) 653-7958  
Fax: (916) 653-8957  
E-mail: [kay.antunez@fire.ca.gov](mailto:kay.antunez@fire.ca.gov)  
Website: [www.plt.org](http://www.plt.org)  
Website: [www.caltrees.org](http://www.caltrees.org)

### Schoolyard Ecology

Includes five distinct, teacher-directed student activities in which students explore their outdoor environment using science and math skills. 120 pages.

Grades 3-6

\$20 plus s/h

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)



## Fairs

### Western Fairs Association

Western Fairs is a trade association for fairs and fair-related businesses. Along with specific details about fair operations, the website lists the dates and locations of all member fairs in the Western United States and Canada, plus a directory for all fair-related businesses.

Grades K-adult  
Free online information

Western Fairs Association  
1776 Tribute Road, Suite 210  
Sacramento, CA 95815-4495  
Website: [www.WesternFairs.org](http://www.WesternFairs.org)

## Farm Animals

*Also see Livestock listings*

### ► Indicates new for 2013-2014

### American Farm Bureau Foundation for Agriculture Materials

#### ► Busy Barnyard Educator Guide

The Busy Barnyard lesson plan digipack goes along with John Schindel's book *Busy Barnyard* or any other simple book on farm animals. The lesson plan comes with three different activities.

Grades PreK-K  
\$3.50; plus shipping

#### ► Farm Animals Educator's Guide

Created to complement the book, "Farm Animals," by Bobbie Kalman, this colorful resource for teachers will help students make real life connections to farm animals. Students will identify farm animals, explore what animals need, and investigate how animals are cared for. Activities address developmental indicators such as reading, writing, counting, and sequencing.

Grades PreK-K  
\$3.50; plus shipping

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

### Exploring Farm Animals

Designed to help students develop life skills, this resource includes experiential (active) learning activities related to animal agriculture.

Grades K-3  
Free; available online only

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4bccs.org/afterschoolag](http://www.n4bccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### Smithsonian National Zoological Park

The National Zoo has a live and virtual kids farm. Enjoy viewing this interactive Kids' Farm website geared for young students. Learn some specifics about farm animals such as chickens, sheep, and goats.

Grades K-12  
Free online

Smithsonian National Zoological Park  
3001 Connecticut Avenue NW  
Washington, DC 20008  
Phone: (202) 633-4800  
E-mail: [education@fonz.org](mailto:education@fonz.org)  
Website: [nationalzoo.si.edu/Animals/KidsFarm](http://nationalzoo.si.edu/Animals/KidsFarm)

## Farm Equipment

*Also see Agriculture-General and Gardening listings*

### John Deere

This company offers children's books, puzzles, DVDs, CDs and child-sized versions of John Deere equipment online. A kids' online activity section is also available.

Grades K-3  
Online catalog available

John Deere  
E-mail: [watsekaoffice@hoganwalker.com](mailto:watsekaoffice@hoganwalker.com)  
Website: [www.greenfunstore.com](http://www.greenfunstore.com)

## Simple and Complex Machines in Agriculture

Through investigation, writing, and experimenting, students learn about simple machines such as inclined planes, levers, pulleys, and wedges. They see how these machines assist people, including farmers and ranchers. Aligned to the Content Standards for California Public Schools.

Grades 2-5

Free; also available online

Free lesson plan CD, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Farm Safety

### Farm Safety 4 Just Kids Catalog

This catalog is full of interesting items that can be used to teach children about farm safety. Items include educational resources, videos, promotional items, clothing, and displays.

Grades K-12

Free catalog

Farm Safety 4 Just Kids  
11304 Aurora Avenue  
Urbandale, IA 50322  
Toll free: (800) 423-5437  
E-mail: [fs4jk@fs4jk.org](mailto:fs4jk@fs4jk.org)  
Website: [www.fs4jk.org](http://www.fs4jk.org)

## Farmers Markets

► Indicates new for 2013-2014

### ► Accurate Ag Books: Farmers' Markets

Four activities make up this teacher's guide. The activities are reading the book; "I like vegetables!"; a physical exercise activity designed to get children moving and engaged in the daily routine of a farm market farmer/manager, and a simple matching activity that simulates pricing and buying fruits and vegetables.

Grades PreK-K

\$2.50; plus shipping

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

### All About Farmers' Markets: A Teaching Guide for Classrooms, Camps, and Community Programs

This curriculum uses an interdisciplinary approach to introduce kids to concepts about food, where it comes from, farmers markets, and their role in our communities. Corresponding health education standards are addressed in each lesson, along with standards for language arts, science, math, social studies, physical education, art, and agricultural education. 106 pages, includes 50 pages of reproducibles. Bilingual picture book, "A Visit to the Farmers' Market/Una Visita al Mercado de los Granjeros," is also available. ISBN 978-0-9771010-2-3

Grades PreK-2

\$32.95 plus s/h

Brain Child Books  
13324 Beckenham Drive, Suite 100  
Little Rock, AR 72212  
Phone: (501) 837-5081  
Fax: (501) 228-0908  
Website: [www.brainchildpress.com](http://www.brainchildpress.com)

### California Federation of Certified Farmers' Markets

This website is full of resources, recipes, and farmers market locations.

Grades 4-adult

Free; available online only

California Federation of Certified Farmers' Markets  
Post Office Box 1813  
Davis, CA 95617  
E-mail: [CFCFM@comcast.net](mailto:CFCFM@comcast.net)  
Website: [www.cafarmersmarkets.com](http://www.cafarmersmarkets.com)

### ► From a Farm Near You Bulletin Board Kit

Promote farm-fresh foods with the From a Farm Near You Bulletin Board Kit. This complete kit includes a variety of colorful photos and content cards featuring information on the benefits of farm to school programs, eating locally, where food comes from, and more.

Grades 5-12  
\$24.95

Learning ZoneXpress  
667 East Vine Street  
Owatonna, MN 55060  
Phone: (888) 455-7003  
Fax: (507) 455-3380  
E-mail: [customercare@learningzonexpress.com](mailto:customercare@learningzonexpress.com)  
Website: [www.learningzonexpress.com](http://www.learningzonexpress.com)

## Fertilizers

*Also see Minerals listings*

### California Fertilizer Foundation Materials

#### California Fertilizer Foundation

The California Fertilizer Foundation provides information about plant nutrients and agriculture in California. School garden grants are also available.

Grades K-12  
Free online information

#### Fertilizer Facts Poster

This 17" x 22" full-color poster shows how to read a fertilizer label and provides some general tips on how to fertilize lawns, flowers, fruits and vegetables, trees, and shrubs.

Grades K-adult  
One free per request

California Fertilizer Foundation  
4460 Duckhorn Drive, Suite ASacramento, CA 95834  
E-mail: [corriep@healthyplants.org](mailto:corriep@healthyplants.org)  
Website: [www.calfertilizer.org](http://www.calfertilizer.org)

#### Fertilizer 101

This website provides information about fertilizer including history and definitions.

Grades 7-adult  
Free; online information only

Fertilizer 101  
Website: [www.fertilizer101.org](http://www.fertilizer101.org)

### International Plant Nutrition Institute Materials

#### Agriculture and Culture of Costa Rica

This 24-page full-color booklet includes information about the history, types of soil, climate, crops, plant nutrition, geography, wildlife, and culture of Costa Rica.

Grades 5-8  
\$2

#### Fun with the Plant Nutrient Team

An activity book and teacher guide describe the 17 nutrients needed by plants for healthy growth and production.

Grades K-3  
\$3

#### Nitrogen... for People and the Environment

This booklet explains the origins of nitrogen in an easy-to-understand format. Photographs, illustrations, and text demonstrate the role of nitrogen in our environment.

Grades 7-adult  
\$1.50 plus s/h

#### Phosphorus... for People and the Environment

This booklet explains the origins of phosphorus in an easy-to-understand format. Photographs, illustrations, and text demonstrate the role of phosphorus in our environment.

Grades 7-adult  
\$1.50 plus s/h

#### Potassium... for People and the Environment

This booklet explains the origins of potassium in an easy-to-understand format. Photographs, illustrations, and text demonstrate the role of potassium in our environment.

Grades 7-adult  
\$1.50 plus s/h

International Plant Nutrition Institute  
3500 Parkway Lane, Suite 550  
Norcross, GA 30092-2806  
Phone: (770) 447-0335  
Fax: (770) 448-0439  
E-mail: [dedwards@ipni.net](mailto:dedwards@ipni.net)  
Website: [www.ipni.net](http://www.ipni.net)

## Nutrients for Life Website

Students learn about food production, soil quality, and fertilizer use around the world in this interactive website. Students practice identifying nutrient deficiencies in the game “Humanity Against Hunger.” Teachers may also request free curriculum, posters, flashcards, and more through the website.

Grades 7-12

Free; available online only

Nutrients for Life Foundation  
Capitol View  
425 Third Street SW, Suite 950  
Washington, DC 20024  
Phone: (800) 962-9065  
Fax: (202) 962-0577  
E-mail: [info@nutrientsforlife.org](mailto:info@nutrientsforlife.org)  
Website: [www.nutrientsforlife.org](http://www.nutrientsforlife.org)

## Plant Nutrient Fact and Activity Sheets

Individual fact and activity sheets are available on the three primary nutrients plants require—nitrogen, phosphorus, and potassium. The fact sheets provide information about how plants utilize these nutrients, where these nutrients come from, and the history of their commercial development. The activity sheets provide specific lesson ideas and interesting facts on the topics.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Fibers

*Also see Cotton, Sheep and Wool listings*

### It's a PUZZLEMENT!

This classroom activity kit focuses on products made from cotton, wool, and leather. Includes background information and classroom-ready handouts. Lessons are aligned to national standards.

Grades K-6

Free; available online only

National Farm-City Council  
Post Office Box 6825  
Reading, PA 19610  
Phone: (877) 611-8161  
E-mail: [contact@farmcity.org](mailto:contact@farmcity.org)  
Website: [www.farmcity.org](http://www.farmcity.org)

## Flowers

*Also see Gardening and Seeds listings*

### California Cut Flower Commission

Learn from and enjoy cut flowers. A variety of information is on this website that is especially useful for floriculture classes.

Grades 7-adult

Free online information

California Cut Flower Commission  
Post Office Box 90225  
Santa Barbara, CA 93190-0225  
Phone: (916) 441-1701  
Fax: (925) 905-4489  
E-mail: [ccfc@ccfc.org](mailto:ccfc@ccfc.org)  
Website: [www.ccfc.org](http://www.ccfc.org)

### Cut Flowers Fact and Activity Sheet

This California-specific fact sheet includes information on cut flower production, history, and economic value. The activity sheets provide specific lesson ideas and interesting facts on cut flowers.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Food Safety

Also see *Nutrition, Pork and Science listings*

### ► Indicates new for 2013-2014

#### Food Safety Music

Carl Winter, Ph.D., has combined his passion for music with his expertise in food toxicology to teach children and adults about food safety. Dr. Winter's latest CD, *Still Stayin' Alive*, features numerous songs written to previous musical hits. Titles include "Eat It!," "Beware La Vaca Loca," and "You Better Wash Your Hands." Information regarding Dr. Winter's food safety music and CD are available on the website.

Grades 1-adult  
\$9.99 plus s/h

Carl Winter  
Food Science and Technology Department  
One Shields Avenue  
Davis, CA 95616-8598  
Phone: (530) 752-5448  
Fax: (530) 752-4759  
E-mail: [ckwinter@ucdavis.edu](mailto:ckwinter@ucdavis.edu)  
Website: [foodsafe.ucdavis.edu](http://foodsafe.ucdavis.edu)

#### Food Safety: From Farm to Fork

Students learn, through real-life examples and hands-on activities, that everyone has a responsibility in minimizing foodborne illnesses. This language arts, health education, math, and science-based unit is aligned to the Content Standards for California Public Schools.

Grades 5-7  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

#### ► The Great Food Fight

This 13-minute online video presents food safety information to all ages.

Grades K-12  
Free online

Institute of Food Technologists  
525 W. Van Buren, Suite 1000  
Chicago, IL 60607  
Phone: (312) 782-8424  
Fax: (312) 782-8348  
E-mail: [info@ift.org](mailto:info@ift.org)  
Website: [www.ift.org](http://www.ift.org)

## Science and Our Food Supply: Investigating Food Safety From Farm to Table

This new curriculum, sponsored jointly by the National Science Teacher's Association and the Food and Drug Administration, comes complete with separate guides for middle school and high school science teachers. Includes an interactive video, "Dr. X and the Quest for Food Safety," and the comprehensive Food Safety A to Z Reference Guide. Varied activities are easy to incorporate into all curricula. Includes insider interviews with real-life scientists and a career guide.

Grades 6-8, 9-12  
Free; order online

National Science Teachers Association  
1840 Wilson Boulevard  
Arlington, VA 22201-3000  
Phone: (800) 277-5300  
E-mail: [pubsales@nsta.org](mailto:pubsales@nsta.org)  
Website: [www.nsta.org/store](http://www.nsta.org/store)

#### Scrub Club

This kid-friendly website introduces students to the Scrub Club, a group of food safety conscious characters that demonstrate proper handwashing. The site features Webisodes, games, educational music, downloadable activities for kids, educational materials for teachers, and program information for parents.

Grades 3-8  
Free; available online only

NSF International  
Post Office Box 130140  
789 N. Dixboro Road  
Ann Arbor, MI 48113-0140  
Phone: (734) 769-8010  
Toll free: (800) NSF-MARK  
Fax: (734) 769-0109  
E-mail: [boulahan@nsf.org](mailto:boulahan@nsf.org)  
Website: [www.scrubclub.org](http://www.scrubclub.org)

#### ► Understanding Our Food Communications Tool Kit Leader Guide

This resource gives educators information to communicate the facts about food production, food processing, and processed foods. This information can be used with students to help them make the best food choices for their overall health. The tool kit includes a leader guide and five informational handouts.

Grades 9-adult  
Free download

International Food Information Council Foundation (IFIC)  
Attn: Understanding Our Food/Farm to Fork Resources  
1100 Connecticut Avenue NW, Suite 430  
Washington, DC 20036  
Phone: (202) 296-6540  
Fax: (202) 269-6547  
Website: [www.foodinsight.org](http://www.foodinsight.org)

## USDA Food Safety Mobile Coloring Book

This 16-page downloadable coloring book features the four steps of food safety: clean, separate, cook, and chill. Also available in Spanish. [www.fsis.usda.gov/PDF/Mobile\\_Coloring\\_Book.pdf](http://www.fsis.usda.gov/PDF/Mobile_Coloring_Book.pdf)

Grades K-3

Free; available online only

USDA Food Safety and Inspection Service

Phone: (888) 674-6854

Website: [www.fsis.usda.gov](http://www.fsis.usda.gov)

Website: [www.fsis.usda.gov/thermy](http://www.fsis.usda.gov/thermy)

Website: [www.fightbac.org](http://www.fightbac.org)

## Food Science

► Indicates new for 2013-2014

### Foods Youth Activity Guide Set

This set includes four food activity guides and a helper's guide. Youth prepare different foods, do interesting experiments, and go on fact-finding missions. The four activity guides are designed around six major categories: healthy food selection, food safety, smart food purchasing, food preservation, food preparation, and careers.

Grades 3-5, 6-8, 9-12

\$21.75 plus s/h

National 4-H Cooperative Curriculum System, Inc.

405 Coffey Hall, 1420 Eckles Avenue

St. Paul, MN 55108-6068

Phone: (612) 624-4900

Toll free: (800) 876-8636

E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)

Website: [www.n4bccs.org/afterschoolag](http://www.n4bccs.org/afterschoolag)

Website: [www.4-hmall.org](http://www.4-hmall.org)

► **It's All About the Food**

This 68-page teaching resource contains lessons that emphasize problem solving and critical thinking. Includes lessons about the nitrogen cycle, photosynthesis, and plant nutrition.

Grades 5-8

\$6

International Plant Nutrition Institute

3500 Parkway Lane, Suite 550

Norcross, GA 30092-2806

Phone: (770) 447-0335

Fax: (770) 448-0439

E-mail: [dedwards@ipni.net](mailto:dedwards@ipni.net)

Website: [www.ipni.net](http://www.ipni.net)

## Forestry and Forest Resources

*Also see Trees and individual commodity listings*

► Indicates new for 2013-2014

### Accurate Ag Books: The Tree Farmer

This lesson plan complements 2007 Accurate Ag Books book of the year, "The Tree Farmer" by Chuck Leavell. Activities include categorizing trees, tree products, tree benefits, and the tree-mendous game.

Grades 3-5

\$2.25 each, plus s/h

American Farm Bureau Foundation for Agriculture

600 Maryland Avenue SW, Suite 1000W

Washington, DC 20024

Phone: (202) 406-3700

Toll free: (800) 443-8456

Fax: (202) 314-5121

E-mail: [foundation@fb.org](mailto:foundation@fb.org)

Website: [www.agfoundation.org](http://www.agfoundation.org)

Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

### The Forest Foundation Materials

#### Educational Posters

Two 20" x 27" posters are available. "The Carbon Cycle: Forestry Never Looked So Cool." and "California has Forests for Everyone"

Grades K-12

Free; also available online

#### Forests and the Carbon Cycle

These lesson plans will provide fundamental understanding about hot topics such as greenhouse gases and climate change. Includes teacher background information, lessons, labs, math problems, and research projects.

Grades 7-12

Free online

► **Forest Resources Fact Sheet**

A one-page overview of California forests, resources, history and economic value to the state. A map of California's significant conifers, a chart depicting the life-cycle of trees, lesson ideas, and directions for making recycled paper are included.

All Grades

Free

**Forests Today, Tomorrow & Forever**

Aligned to California standards for grades 4-6, and adaptable for grades K-8, this resource features teacher's background information plus games, puzzles, activities, art projects, and discussion material on forest ecology, management practices, and forest product use. Nine lessons include "The Web of Life," "Forest Families," "Nature's Treasure Chest," "The Sustainable Forest," "The Nature of Trees," "Forest Health," "Waste Not: Want Not," "Forests & Water," and "Forests & Carbon."

Grades 4-6  
Free

**Hot Topics: Wildfires & You**

This four-lesson unit is aligned to meet California State Science Content Standards. Students learn about the connections between heat and energy, fires and communities, and investigation and experimentation. The unit also includes detailed background information for teachers, enrichment ideas, and student handouts.

Grades 4-8  
Free; also available online

**Our Forests Give Us....**

Color and activity sheet that allows younger children to learn about California forest habitats, wildlife, and the forest products we use.

Grades PreK-3  
Free

**Tag Along With Twig, A Woodland Adventure**

Travel along with character "Twig" to learn about trees and forestry in California. Booklet includes puzzles and activities in forest education including: "Tree Rings," "Animal Tracks," "Water Cycle," "Forestry Careers," "Tree ID Forest Products," and "Wildlife Word Search."

Grades 3-6  
Free

**Talk About Trees**

A non-profit program dedicated to educating children about the responsible management and use of trees. Facilitators visit elementary schools throughout the state free of charge and provide one-hour presentations, which follow statewide curriculum guidelines. The program is designed to encourage awareness and appreciation for the value of trees and forests in the daily lives of people and to provide a better understanding of the methods used to conserve, manage, and protect forest resources.

Grades 3-6  
Free

**Tree Bookmarks**

Each bookmark features one of California's significant conifers, its physical characteristics, growth patterns, uses, as well as facts on general forest ecology. Set of 6: Sugar Pine, White Fir, Ponderosa Pine, Incense Cedar, Redwood, and Douglas Fir.

Grades K-adult  
Free

**Visual Forester™ in the Classroom**

An interactive CD that allows the user to manage their own California forest. Can be used as a presentation tool or special project device for students. A great critical thinking exercise showing the complexities of natural resource management.

Grades 8-adult  
Free

The Forest Foundation  
1215 K Street, Suite 1835  
Sacramento, CA 95814  
Toll free: (866) 241-8733  
E-mail: [info@calforestfoundation.org](mailto:info@calforestfoundation.org)  
Website: [www.calforestfoundation.org](http://www.calforestfoundation.org)

**Forest Resources Fact and Activity Sheet**

This two-sided document provides quick, accurate facts on the sources, uses, history, and economic value of resources obtained from California forests. It also includes lesson ideas and interesting facts on the topic.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.AboutAg.org](mailto:info@Learn.AboutAg.org)  
Website: [www.Learn.AboutAg.org](http://www.Learn.AboutAg.org)

**Forestry Field Studies: A Manual for Science Teachers**

A forest or woodlot, where students can collect and analyze data, can provide teachers and their students with a laboratory for understanding some of the basic principles of environmental science and community ecology. This 102-page manual is organized around a comprehensive set of field exercises, including explorations of the forest environment, biodiversity, and sustainable management of natural resources.

Grades 9-adult  
\$24.95 plus s/h

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

### Forestry Institute for Teachers

A week-long summer program for California's K-12 teachers. Teachers work with professional natural resource managers and environmental education specialists to update their knowledge about forests and their management. A classroom curriculum unit is developed as part of the program. Four sessions to choose from (Shasta, Plumas, Tuolumne, and Humboldt County locations).

Grades K-12  
\$25

Forestry Institute for Teachers, NorCal SAF  
Post Office Box 87  
Fort Bragg, CA 95437  
Toll Free: (888) 348-7765  
E-mail: [info@forestryinstitute.org](mailto:info@forestryinstitute.org)  
Website: [www.forestryinstitute.org](http://www.forestryinstitute.org)

### Forestry Youth Activity Guide Set

This curriculum opens the world of forests to youth. At every age level, the materials present activities that involve youth in learning about trees, forests, forest ecology, and human reliance on forests. Students discover forest resources near home and around the world.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### Idaho Forest Products Commission

This organization provides numerous resources that teach about forests and forest resources, including information on tree anatomy, forest health, and forest products.

Grades PreK-adult  
Free online information

Idaho Forest Products Commission  
350 North 9th Street, #500  
Boise, ID 83702  
Phone: (208) 334-4061  
E-mail: [plt@idahoforests.org](mailto:plt@idahoforests.org)  
Website: [www.idahoforests.org](http://www.idahoforests.org)

### International Paper Materials

#### International Paper

Tour the website and learn about sustainable forestry, how paper is made, and more.

Grades 4-adult  
Free online information

### The Life of the Forest

Beginning with the story of a seed, this booklet follows a tree's growth throughout the years of its life in the forest. Read how a tree's trunk feeds and supports it, examine the many beautiful leaves of familiar tree species, and marvel at the fascinating life history of a tree as read through its rings.

Grades 4-adult  
Free; available online only  
On website, look under the "Company" tab for the learning center resources.

International Paper  
6400 Poplar Avenue  
Memphis, TN 38197  
Phone: (901) 419-9000  
Toll free: (800) 207-4003  
Website: [www.internationalpaper.com](http://www.internationalpaper.com)

### Forests For All

In their own fun and entertaining way, and with the help of their humorous forest friends, Bo The Bull Elk and J.D. Beaver explain to children the importance of forest management and the responsibility we all have to protect forests for future generations. This 48-page resource fosters an understanding of the effect forests have on the the student's everyday life, the protection of forests while meeting the demand for wood products, and innovative measures being used to meet the demands for wood while ensuring the future health of forests. Coloring/activity book is also available.

Grades 3-6  
\$11.95 soft cover, \$14.95 case bound

MDCT Publishing  
E-mail: [mdctpublishing@gmail.com](mailto:mdctpublishing@gmail.com)  
Website: [www.forestsforall.com](http://www.forestsforall.com)

### Natural Inquirer

This online publication is a science resource journal targeted for grades five and above. Its goal is to stimulate critical reading and thinking about scientific inquiry and investigation while learning about ecology, the natural environment, and natural resources.

Grades 5-adult  
Free online publications

Natural Inquirer  
Website: [naturalinquirer.org](http://naturalinquirer.org)



### Environmental Experiences for Early Childhood

This guide offers more than 130 experiences that engage children in outdoor activities and exploration. Topics include exploring nature with five senses, meeting neighborhood trees, and experiencing trees through the seasons.

Grades PreK-1

Free with workshop attendance

Project Learning Tree  
California Department of Forestry and Fire Protection  
Post Office Box 944246  
Sacramento, CA 94244-2460  
Phone: (916) 653-7958  
Fax: (916) 653-8957  
E-mail: [kay.antunez@fire.ca.gov](mailto:kay.antunez@fire.ca.gov)  
Website: [www.plt.org](http://www.plt.org)  
Website: [www.caltrees.org](http://www.caltrees.org)

### Shelterwood: Discovering the Forest

Sophie's grandfather is a logger and she watches as he harvests trees that will be cut up into boards to build houses and furniture. She learns that if we take care of the woods, it provides for generations to come. The accompanying teacher's guide explores forest diversity, helps students appreciate the layers in the forest, and provides a variety of hands-on activities for use with children.

Grades 3-6

Paperback, \$7.95 plus s/h; Teacher's guide, \$9.95 plus s/h

Tilbury House Publishers  
103 Brunswick Avenue  
Gardiner, ME 04345  
Phone: (207) 582-1899  
Toll free: (800) 582-1899  
Fax: (207) 582-8227  
E-mail: [tilbury@tilburyhouse.com](mailto:tilbury@tilburyhouse.com)  
Website: [www.tilburyhouse.com](http://www.tilburyhouse.com)

## Fruit

*Also see Agriculture-General, Nutrition, Vegetables and individual commodity listings*

### California Fruit Raps

After singing along with Karen Adler, students will be motivated to make healthy choices by visiting the produce section at the market. This interactive CD and song book motivates students to eat California fruits.

Grades K-6

\$19.95

Karen Adler Books  
Post Office Box 1431  
North Fork, CA 93643  
Phone: (559) 877-2033  
Fax: (559) 877-2033  
E-mail: [publisher@karenadlerbooks.com](mailto:publisher@karenadlerbooks.com)  
Website: [www.karenadlerbooks.com](http://www.karenadlerbooks.com)

### California Rare Fruit Growers

This organization has information on rare fruits, including a book entitled *The Fruit List*, which has cultural data, common names, growing requirements, and more for over 700 individual fruits.

Grades 6-adult

Free online information

The Fruit List, hard copy, \$7.75

California Rare Fruit Growers  
The Fullerton Arboretum - CSUF  
Post Office Box 6850  
Fullerton, CA 92834  
Website: [www.crfg.org](http://www.crfg.org)

### Fresh King, Inc.

This website has information on a variety of fruits and vegetables, including avocados, passion fruit, limes, carambola, papaya, sugar snap peas, snow peas, and French beans. The information is written in a format youth can understand.

Grades 4-adult

Free online information

Fresh King, Inc.  
Website: [freshking.com](http://freshking.com)

### Harvest of the Month

Harvest of the Month features ready-to-use resources that can be widely applied within the school environment. Based on the U.S. Dietary Guidelines for Americans, this program provides educators with materials to give students hands-on opportunities to explore, taste, and learn about the importance of eating fruits and vegetables and being active every day. An online training guides and supports users on how to effectively use program materials and resources. Includes a short DVD providing a visual experience of Harvest of the Month in action. Within this site, the Educators' Corner provides teachers with additional activities, lesson ideas, recipes, student assessments, and a wealth of resources to help implement a successful program.

Grades PreK-12

Free download

California Nutrition Network  
Katharina Streng,  
Phone: (916) 552-9843  
E-mail: [katharina.streng@cdph.ca.gov](mailto:katharina.streng@cdph.ca.gov)  
Website: [www.harvestofthemonth.com](http://www.harvestofthemonth.com)

## The Fruit Flies' Picnic

Join these bug buddies as they gather a feast of fruit. This 32-page book includes an interactive CD-ROM filled with music and sound effects, an audio read-a-long, 30 fruit illustrations presented by color, and the health benefits for each.

Grades PreK-2  
\$18.95 plus shipping

Smart Picks, Inc.  
Post Office Box 771440  
Lakewood, OH 44107  
Phone: (216) 226-6173  
E-mail: [smartpicks@gmail.com](mailto:smartpicks@gmail.com)  
Website: [www.smartpicks.com](http://www.smartpicks.com)

## Gardening

*Also see Agriculture-General, Environment, Greenhouses, History, Hydroponics, Nutrition and Science listings*

► **Indicates new for 2013-2014**

### California Foundation for Agriculture in the Classroom Materials

#### CROP Circles

The CROP (California Regions of Optimal Planting) Circle is an easy-to-use diagram that illustrates proper planting and harvesting times for 18 crops commonly found in California school gardens. These are optimal and recommended planting and harvesting times that can be altered to better suit individual microclimates or school calendars. The Circle is divided into four seasons with each individual crop in its own concentric circle. Available for six regions: northern mountains, Sierra foothills, northern/central coast, southern coast, Central Valley, and desert.

Grades 4-6  
Free; available online only

#### A Garden Plot: The Tale of Peter Rabbit

The purpose of this unit is to incorporate an agricultural theme into the reading, writing, and science concepts that are taught in the classroom. The lesson, using "The Tale of Peter Rabbit" and other stories by Beatrix Potter, encourages students to think about where their food comes from, distinguish between fact and fiction, and write about personal experiences they have while caring for gardens of their own.

Grades K-1  
Free; also available online  
Free lesson plan CD available, while supplies last

## WE Garden Lesson Packet

California Foundation for Agriculture in the Classroom (CFAITC) worked side-by-side with First Lady Maria Shriver and staff to plan and install an edible garden at the state capitol. As a capstone to the project, CFAITC collaborated with other agriculture literacy organizations to provide 11 garden-related lesson plans aligned to content standards for grades 1-3 and 4-6. These downloadable lesson plans highlight activities that complement garden-related education and can be performed inside or outside the classroom. Lesson plans include California Crops, Read the Roots, Eat Your Plants, Frozen Canned or Fresh, and more.

Grades 1-3, 4-6  
Free; available online only

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Can You Dig It?

This comprehensive instruction guide teaches plant processes and relates them to growing food. It supports the National Science Education Standards by promoting discovery through inquiry-based science as well as life science. Students will experience the planning, plantings, and care of a small garden while learning where food comes from. Teachers will appreciate the functionality of the book.

Grades K-6  
\$24.95; special school pricing available

The Aggie & Longhorn Publishing Company  
2910 N. Powers Boulevard, Suite 197  
Colorado Springs, CO 80922  
Phone: (719) 237-4754  
E-mail: [digthefun@earthlink.net](mailto:digthefun@earthlink.net)  
Website: [www.canyoudigitgarden.com](http://www.canyoudigitgarden.com)

## Common Ground Urban Garden Program Materials

### Children's Gardens: A Field Guide for Teachers, Parents, and Volunteers

This 200-page field manual for beginning gardeners of all ages includes step-by-step instructions for developing school gardens. Third edition.

Grades K-8

Free; available online only

### Common Ground Garden Program

Information on many gardening topics, including monthly gardening tips, school gardens, community gardens, starting a new garden, composting, planting times, trace elements in soil, container gardening, saving water in vegetable gardens, and recycling throwaways into useful garden tools. Many resources are available in Spanish.

Adult

Free; available online only

### Master Gardener Volunteer Training Program

Available to Los Angeles County residents only. Training in all aspects of horticulture, outreach, and networking. Focus on helping low-income county residents become more self-sufficient by growing and eating more nutritious vegetables. Program runs annually each Saturday in March, April, and May. Online application link is available mid-November. Submission deadline is January 15, annually. Visit the website for more information, including criteria for acceptance. Partial scholarships are available for low-income participants.

Adult

\$200 materials fee

### School Garden Start-Up Guide

This six-page pamphlet provides easy steps to building a sustainable school garden program. Learn how to make raised beds, work with volunteers, and more.

Grades K-adult

Free; available online only

Available in English and Spanish

Common Ground Garden Program  
University of California Cooperative Extension  
700 W. Main Street  
Alhambra, CA 91801  
Phone: (626) 586-1981  
E-mail: [ydsavio@ucanr.edu](mailto:ydsavio@ucanr.edu)  
Website: [celosangeles.ucdavis.edu/Common\\_Ground\\_Garden\\_Program](http://celosangeles.ucdavis.edu/Common_Ground_Garden_Program)

## Down-To-Earth

This guide includes the basics of botany, the gist of gardening, the essentials of ecology, and more.

Grades 6-8

\$15 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4bccs.org/afterschoolag](http://www.n4bccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## EarthBox® Instructional School Gardens

This scientifically-engineered, self-watering growing system, available with organic medium, is used as an educational tool in the classroom. Age-specific and teacher-friendly standards-based curricula engage students in hands-on activities and experiments. Students experience science, nutrition, physical fitness, and gardening while fostering community and entrepreneurship using the Youth Garden Guide. EarthBox gardens can be set up on grass, brown lots, concrete, asphalt, mulch, and roof-tops.

Grades PreK-12

Prices vary

EarthBox  
1350 Von Storch Avenue  
Scranton, PA 18509  
Phone: (800) 821-8838  
Fax: (570) 504-0985  
Website: [www.earthbox.com/education](http://www.earthbox.com/education)

## Easy Garden Raised Planting Beds, Cold Frames & More

These maintenance-free aluminum garden beds are used in school gardens. Beds come complete with all hardware and instructions for easy assembly. Cold frames, screen covers, trellises, and portable poultry shelters are also available.

Grades K-adult

Prices vary

Discounts available for schools

Easy Garden  
Post Office Box 177  
Carl Junction, MO 64834-0177  
Phone: (800) 257-8744  
Fax: (417) 649-7278  
E-mail: [eb@easy-garden.com](mailto:eb@easy-garden.com)  
Website: [www.easy-garden.com](http://www.easy-garden.com)

### ► Eating From the Garden

A program for fourth and fifth grade students that provides nutrition and gardening activities to promote healthy eating habits and active lifestyles.

Grades 4-5  
\$80

University of Missouri Extension  
Website: <http://extension.missouri.edu>

### Fulcrum Publishing Materials

#### Native American Gardening, Stories, Projects, and Recipes for Families

With stories and gardening activities, this book invites readers to learn about growing native crops and using them in recipes. Learn how to make corn husk dolls and gourd birdhouses, play the Cherokee Butterbean Game, and more.

Grades K-adult  
Prices vary

#### Unearthing Garden Mysteries, Experiments for Kids

This 96-page book puts the garden under a magnifying glass and lets students explore its wonders. Ideal for schools with instructional gardens or hands-on life science units. More than 20 classroom-tested projects.

Grades 3-adult  
\$17.95 plus s/h

Fulcrum Publishing  
4690 Table Mountain Drive, Suite 100  
Golden, CO 80403  
Phone: (303) 277-1623  
Toll free: (800) 992-2908  
Fax: (303) 279-7111  
Website: [www.fulcrumbooks.com](http://www.fulcrumbooks.com)

### The Garden Game

In this illustrated board game, players feed the soil, plant seeds, nurture plants, have harvest festivals, and help each other through natural disasters. Win by planting the largest garden and saving the most seeds! Children learn how seasons affect their garden, which insects are beneficial, the importance of composting, and more.

Grades 2-adult  
\$29.95 plus s/h

Gardening with Kids  
Phone: (800) 538-7476  
Website: [www.gardeningwithkids.org/22-6505.html](http://www.gardeningwithkids.org/22-6505.html)

### Garden of Learning

Garden of Learning offers a school year's worth of lessons connecting learning to school gardens. Lesson plans include background information and grade-specific worksheets that challenge students to build skills in writing, math, observations, data collecting, and microscopic work.

Grades 2-6  
\$395

Garden of Learning  
E-mail: [gardenoflearningK6@earthlink.net](mailto:gardenoflearningK6@earthlink.net)  
Website: [www.gardenoflearningk6.com](http://www.gardenoflearningk6.com)

### Gardening Curriculum

Includes multiple grade-level activity guides with activities in six categories: "Garden Planning," "Planting," "While You Wait," "Garden Care," "Harvesting & Storage," and "Careers."

Grades 4-8  
\$3.95-\$4.95/each; \$22.25 for set of 6

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4bccs.org/afterschoolag](http://www.n4bccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### ► Gardening for Grades

A comprehensive guide to help teachers plan, fund, create, and learn with a school garden.

Grades K-12  
\$15 hard copy; free download

Florida Agriculture in the Classroom, Inc.  
Post Office Box 110015  
Gainesville, FL 32611-0015  
Phone: (352) 846-1391  
Fax: (352) 846-1390  
Website: [www.flagintheclassroom.com](http://www.flagintheclassroom.com)

### Gardens for Learning: Creating and Sustaining Your School Garden

This comprehensive guidebook provides detailed step-by-step instructions for creating a school garden through inspirational testimonials, reference list of resources, training opportunities, and fundraising ideas is also included.

Grades K-adult  
Free; available online only

California School Garden Network  
Website: [www.csgn.org](http://www.csgn.org)

## Green Thumbs

With a few seeds, some water and soil, and a bunch of great activities, kids can discover the pleasure and the importance of working with nature. More than 80 gardening activities to do indoors or outside.

Grades K-6  
\$14.95

Chicago Review Press  
814 North Franklin Street  
Chicago, IL 60610  
Toll free: (800) 888-4741  
Fax: (312) 337-5110  
E-mail: [frontdesk@chicagoreviewpress.com](mailto:frontdesk@chicagoreviewpress.com)  
Website: [www.chicagoreviewpress.com](http://www.chicagoreviewpress.com)

## Junior Master Gardener® Program Materials

### Growing Good Kids

The Junior Master Gardener Program<sup>sm</sup> is an international youth gardening program that ignites a passion for learning, success, and service. JMG teaches horticultural and environmental science concepts, as well as leadership skill development through novel, hands-on activities. This program uses horticulture as a vehicle to enhance science, mathematics, language arts, and social studies. To culminate their learning, students can participate in service projects and earn certification as Junior Master Gardeners or in a specific content area. This program was developed for classroom use and is very successful in other youth outreach programs including 4-H, Scouts, and after-school programs. Core curriculum contains Level 1 Teacher/Leader Guide and JMG Youth Handbook. Available in English and Spanish.

Grades 3-8  
Free program registration and certifications; variable curriculum costs

### Literature in the Garden

This curriculum seeks to engage children through powerful garden- and ecology-themed children's books. It uses six books to inspire learning through outdoor activities, creative expression, and open exploration. Dozens of hands-on activities encourage leadership development, individual responsibility, community involvement, and the development of critical thinking skills. Books not included.

Grades 3-5  
\$35

Junior Master Gardener  
225 Horticulture/Forest Building, MS 2134  
College Station, TX 77843-2134  
Phone: (979) 845-8565  
Toll free: (888) 900-2577  
Fax: (979) 845-8906  
E-mail: [programinfo@jmgkids.us](mailto:programinfo@jmgkids.us)  
Website: [www.jmgkids.us](http://www.jmgkids.us)

## Kids in the Garden

Kids in the Garden is a colorful series for young gardeners that will inspire kids to get their hands dirty. Encourage environmental stewardship and promote a healthy lifestyle through the 15-program DVD series. Each closed-captioned program includes hands-on activities with project lists. Titles include Soil, Seeds, Flowers, Leaves, How Plants Work, Fruit, Fungi, Plant Survivors, Herbs, Creatures, Trees, Useful Plants, Cacti, and Indoor Gardens.

Grades 3-6  
\$99 each

Film Ideas, Inc.  
308 North Wolf Road  
Wheeling, IL 60090  
Phone: (800) 475-3456  
Fax: (847) 419-8933  
E-mail: [info@filmideas.com](mailto:info@filmideas.com)  
Website: [www.filmideas.com](http://www.filmideas.com)

## Life Lab Materials

### Garden Habitats: Fourth Grade Science Investigation

This grouping of seven lesson plans, taken from the Life Lab Science Curriculum, focuses on garden habitats and meets the fourth grade California Content Standards for California Public Schools in science. Packet includes recommended literature, a master materials list, and a blackline science journal.

Grade 4  
Free; available online only

### Garden Signs

Colorful, informational signs to post in your garden. Signs include: Birds, Bats, Bees, Butterflies and Beyond; Science in the Garden; How to Compost; Why Compost?; Vermicomposting; Worm Anatomy; Plant Needs; Plant Adaptations; Chickens; and Weather. Signs come as digital images on a disk with directions for printing them on vinyl or ordering weather-resistant professional signs.

Grades K-8  
\$20; download online

### Getting Started: A Guide for Creating School Gardens as Outdoor Classrooms

This Life Lab Science Program has distilled over 20 years of world-wide school garden experience into a concise, 50-page guide that asks and answers most questions you need to consider for creating an outdoor classroom garden.

Grades K-12  
Free; available online only

**Life Lab Curriculum**

Life Lab Science is a core curriculum that integrates earth, life, and physical science concepts within the context of a Living Laboratory school garden. Inquiry-oriented lessons, both outdoors and in the classroom, encourage students to ask questions and explore multiple solutions. Unit topics, such as soil, water, weather, plants, and animals, use a developmental approach based on students' prior knowledge. Assessment is embedded in the activities and extensions are included. Life Lab is grade level specific. Teacher instructional manuals, unit planners, English and Spanish student worksheets, and more can be sold as a group or separately.

Grades K-5  
Prices vary

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

**Mimi's Garden: IT'S A KID THING!**

Colorfully-illustrated guide for teachers, parents and children to garden from the heart with one another. Includes easily-applied garden tips. Whether a school has a few clay pots or an acre of land, this book starts a classroom on a lifetime of garden learning and pleasure.

Grades PreK-4  
\$12.95 plus s/h

Mimi's Garden  
2826 Cory Creek Road  
Butte Valley, CA 95965  
Phone: (530) 894-7743  
E-mail: [mbrock@mariarock.com](mailto:mbrock@mariarock.com)  
Website: [www.mariarock.healdsburg.net](http://www.mariarock.healdsburg.net)

**National Gardening Association Materials****► Books in Bloom**

Lesson plans to accompany popular children's books including "Blueberries for Sal," "Jack's Garden," and more.

K-5  
Free download

**► Burpee Home Gardens 'I Can Grow' Guide**

This 55-page guide includes seven recommended steps for starting an edible garden for youth. The guide also provides a host of lesson ideas for science, math, history and social studies, language arts, health and nutrition, and art, music and drama. [www.burpeehomegardens.com](http://www.burpeehomegardens.com)

Grades K-6  
Free download

**From Seed to Seed: Plant Science for K-8 Educators**

This online course is for educators who already incorporate botany and gardening into their curriculum and for those who would like to do so. In addition to core botanical and horticultural information, this resource includes illustrations, photographs, inspirational stories, and standards-based activities and experiments.

Grades K-8  
\$60

**GrowLab: Activities for Growing Minds**

This 320-page, K-8 curriculum guide includes creative, interdisciplinary activities to help you stimulate scientific inquiry with an indoor garden. Includes reproducible student record keeping sheets and a comprehensive, annotated resource section.

Grades K-8  
\$24.95 plus s/h

**GrowLab: A Complete Guide to Gardening in the Classroom**

This 128-page teacher's guide has a wealth of information on the "how-to" of indoor gardening, with many useful ideas for class projects and activities. It also includes plans for building a homemade GrowLab Indoor Garden.

Grades K-8  
\$19.95 plus s/h

**Kidsgardening.org**

This website is loaded with inspiration, advice, and resources for anyone who gardens with children. It features a searchable article library of classroom stories; plant and garden-based activities for use in the classroom or at home; a school garden registry; and news on grants, awards, conferences, and other items of interest.

Grades K-12  
Free online information

**Math in the Garden**

This engaging curriculum uses a mathematical lens to take children on an education-filled exploration of the garden. Dozens of hands-on activities hone math skills and promote inquiry, language arts, and nutrition. All were developed to support mathematics and science standards and were extensively trialed by educators and youth leaders nationwide. Developed by the University of California Botanical Garden and Lawrence Hall of Science in Berkeley, California.

Grades K-8  
\$29.95

**Schoolyard Mosaics**

In collaboration with educators who have transformed schoolyards into wildlife habitats, gardens, and outdoor classrooms, this book offers advice on how to involve students in the design process, build community support, and integrate the project into your curriculum.

Grades K-12  
\$19.95 plus shipping

### Steps to a Bountiful Kids' Garden

This how-to guide contains all you need to launch and sustain a school or community kids' gardening program. Topics include rallying support, recruiting volunteers, developing a garden site, controlling pests, and more.

Grades K-12  
\$12.95 plus s/h

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

### Science of Gardening

Like all great endeavors, gardening is both a science and an art. Explore the three website areas entitled "Feed," "Control," and "Bloom." Explore how plants are grown in Antarctica, how to make a manure tea, or how to create a plant variety.

Grades 4-adult  
Free online information

Exploratorium  
Palace of Fine Arts  
3601 Lyon Street  
San Francisco, CA 94123  
Phone: (415) EXP-LORE  
E-mail: [pubinfo@exploratorium.edu](mailto:pubinfo@exploratorium.edu)  
Website: [www.exploratorium.edu/gardening](http://www.exploratorium.edu/gardening)  
Website: [www.exploratorium.edu/ti](http://www.exploratorium.edu/ti)

### Teams with Intergenerational Support, Focus on Gardening and Nutrition (TWIGS)

Includes 30 field-tested lessons connecting gardening with nutrition for children. Each one-hour, hands-on activity offers extensions and contains reproducible handouts. Correlations to California Content Standards are available upon request.

Grades K-6  
Free brochure  
\$25 includes s/h; make check payable to UC Regents

UCCE San Mateo/San Francisco County  
80 Stone Pine Road, Suite 100  
Half Moon Bay, CA 94019  
Phone: (650) 726-9059  
Fax: (650) 726-9267  
E-mail: [mjjohns@ucdavis.edu](mailto:mjjohns@ucdavis.edu)  
Website: [cesanmateo.ucdavis.edu](http://cesanmateo.ucdavis.edu)

### Western Growers Foundation

The Foundation supports nutrition education through the School Garden Program. Grant applications, school garden resources, tips, and more are available online.

Grades K-adult  
Free online information

Western Growers Foundation  
Post Office Box 2130  
Newport Beach, CA 92658  
Phone: (949) 885-2259  
Fax: (949) 809-6259  
Website: [www.westerngrowersfoundation.org](http://www.westerngrowersfoundation.org)  
Website: [www.producepedia.com](http://www.producepedia.com)

## Genetics

*Also see Biotechnology and Science listings*

### California Foundation for Agriculture in the Classroom Materials

#### From Genes to Jeans

Students are introduced to the genetic research and technologies associated with agriculture while they perform Punnett square activities and create a model of a DNA molecule. As students learn about strawberries and cotton, they are provided with the scientific principles associated with genetics and are encouraged to use their knowledge to think critically and freely about the viability and ethics associated with biotechnology. Aligned to the Content Standards for California Public Schools.

Grades 7-9  
Free; also available online  
Free lesson plan CD available, while supplies last

#### Where'd You Get Those Genes?

This five-lesson unit teaches students the basic concepts of genetics using agricultural commodities as examples. Includes brief biographies on people involved in genetic research as well as a creative writing assignment. Aligned to the Content Standards for California Public Schools.

Grades 5-7  
Free; also available online  
Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Garden Genetics: Teaching With Edible Plants

This two-part set—a teacher edition and companion student edition—is adaptable to biology students at all levels. It uses a series of activities and inquiry-based experiments with familiar foods to teach genetics while helping students make connections to ecology, evolution, plant biology, and social science.

Grades 9-12  
\$21.95

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

### Virtual DNA Fingerprinting Laboratory

In this CD-ROM activity, students are placed in a virtual laboratory where they must utilize molecular biology techniques to solve a forensic mystery. Over the course of seven episodes, students collect evidence, extract DNA, perform a southern blot, use PCR, and finally solve the crime. The CD-ROM also contains CEPRAP's Germ Wars software.

Grades 9-12  
Free; also available online

Barbara Soots  
Department of Plant Pathology  
University of California, Davis  
One Shields Avenue  
Davis, CA 95616  
Phone: (530) 752-6552  
Fax: (530) 754-4410  
E-mail: [besoots@ucdavis.edu](mailto:besoots@ucdavis.edu)  
Website: [pbge.ucdavis.edu](http://pbge.ucdavis.edu)

## Geography

### ► Indicates new for 2013-2014

### ► California: A Changing State

Geography investigates the interactions of humans and the natural environment. The goal of this resource is to help teachers and students understand how this relationship changes over time. Includes downloadable maps and sample lesson plans to demonstrate California's historic and modern role in transportation, agriculture, technology, education, and environmental protection.

Grades 4-12  
Free

California Geographic Alliance  
Phone: (916) 304-2436  
E-mail: [cageographicalliance@gmail.com](mailto:cageographicalliance@gmail.com)  
Website: [calgeography.org](http://calgeography.org)

### Food for Thought

Food for Thought is a standards-based, ready-to-use program designed for use in grades 3-5 as a supplement to your health, social studies, and mathematics curricula. Through the program's exciting, interactive learning activities, students utilize important thinking, research, and math skills. They become more aware of the nutritional value of the foods they eat, learn all about their home state, and solve challenging math problems.

Grades 3-5  
Free; available online

California Olive Industry  
2665 North Air Fresno Drive, Suite 108  
Fresno, CA 93727  
Phone: (559) 456-9096  
E-mail: [pshea@vittleinformation.com](mailto:pshea@vittleinformation.com)  
Website: [www.calolive.org](http://www.calolive.org)

### National Geographic Society

Numerous resources related to geography and agriculture are available. The Windows on Literacy program is just one example of how geography can be used to teach reading and writing using agriculture. Use the website to search for desired materials.

Grades K-adult  
Free information

National Geographic Society  
Post Office Box 10041  
Des Moines, IA 50340-0041  
Toll free: (888) 225-5647  
E-mail: [education@nationalgeographic.com](mailto:education@nationalgeographic.com)  
Website: [nationalgeographic.com/education](http://nationalgeographic.com/education)

## Goats

### Life on a Goat Farm

This nonfiction book with simple text and colorful photographs describes the work involved in dairy goat farming.

Grades 2-5  
\$23.93 plus s/h  
School and library discounts available

Lerner Publishing Group  
Customer Service  
1251 Washington Avenue North  
Minneapolis, MN 55401-1036  
Toll free: (800) 328-4929  
Fax: (800) 332-1132  
E-mail: [custserve@lernerbooks.com](mailto:custserve@lernerbooks.com)  
Website: [www.lernerbooks.com](http://www.lernerbooks.com)



## National 4-H Cooperative Curriculum System, Inc. Materials

### Dairy Goat Youth Activity Guide Set

This set includes three dairy goat activity guides and a helper's guide. Whether it's exploring goat management, selection, health, reproduction, showing, judging products, or careers, youth will expand their dairy goat knowledge and skills. Participants will also practice the life skills of record keeping, decision making, leadership, communication, planning and organizing, and more.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

### Meat Goat Youth Activity Guide Set

This set includes three meat goat activity guides and a helper's guide. The series engages youth in activities related to breeds, health care, grooming, production, reproduction, management, showmanship, marketing, and careers.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## Gourds

### ► Indicates new for 2013-2014

### ► Pumpkin Commodity Reader

This four-page color booklet features essential information about pumpkins. Student readers will learn about pumpkin varieties, uses, history, production statistics, and careers.

Grades 6-12  
Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aite@ilfb.org](mailto:aite@ilfb.org)  
Website: [www.aginthe classroom.org](http://www.aginthe classroom.org)

## Grains

*Also see Corn, Rice, Wheat and individual commodity listings*

### ► Indicates new for 2013-2014

### ► Go for Grains: 10 Whole Grain Lessons

Teach students why it's important to make half your grains whole grains with the Go For Grains: 10 Whole Grain Lesson. These ten lessons for students to help identify whole grain foods, their benefits and how to include more every day. Each lesson includes objectives, materials needed, teacher prep instructions, activity directions and worksheets.

Grades 6-8  
\$24.95

Learning ZoneXpress  
667 East Vine Street  
Owatonna, MN 55060  
Phone: (888) 455-7003  
Fax: (507) 455-3380  
E-mail: [customercare@learningzonexpress.com](mailto:customercare@learningzonexpress.com)  
Website: [www.learningzonexpress.com](http://www.learningzonexpress.com)

## Grapes

*Also see Fruit listings*

### California Grapes

This children's book helps students understand how grapes came to California and the process involved in getting them from the vineyard to their tables.

Grades 3-6  
\$12.95 plus s/h; quantity discounts available.  
Free poster and musical CD with purchase of 10 or more books.

Karen Adler Books  
Post Office Box 1431  
North Fork, CA 93643  
Phone: (559) 877-2033  
Fax: (559) 877-2033  
E-mail: [publisher@karenadlerbooks.com](mailto:publisher@karenadlerbooks.com)  
Website: [www.karenadlerbooks.com](http://www.karenadlerbooks.com)

## California Table Grape Commission

The commission offers industry information sheets, posters, kids' brochures, and nutrition and environmental lesson plans. Available in limited quantities.

Grades K-12  
Free; also available online

California Table Grape Commission  
392 West Fallbrook, #101  
Fresno, CA 93711-6150  
Phone: (559) 447-8350  
Fax: (559) 447-9184  
E-mail: [info@grapesfromcalifornia.com](mailto:info@grapesfromcalifornia.com)  
Website: [www.freshcaliforniagrapes.com](http://www.freshcaliforniagrapes.com)

## Table Grapes Fact and Activity Sheet

This California-specific fact sheet includes information on table grape production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts about grapes.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Greenhouses

### Construct a Greenhouse

This 104-page guide engages high school students in a problem-solving challenge to design and build a physical system that provides an optimal environment for plant growth. In addition to learning and applying concepts in thermodynamics, light absorption, and plant biology, students must make a range of decisions as they encounter cost constraints, construction alternatives, and environmental challenges while building a prototype greenhouse.

Grades 9-12  
\$15.95 plus s/h; order #PP152X3

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

## School Greenhouse Guide

This online resource offers advice on how to plan for and operate a greenhouse, provide good growing conditions, and integrate greenhouse projects into the calendar and school curriculum.

Grades K-adult  
Free online information

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

## Herbs

### American Mint

This documentary is a four-part series and explains the history of mint production. Learn about Wrigley, Beech Nut, and more. A one-video version (53 minutes) describes the historic Crosby mint still.

Grades 4-adult  
\$59.95 plus s/h, set of four videos  
Crosby video only, \$19.95 plus s/h

Heritage Productions  
Post Office Box 5897  
Fresno, CA 93755  
Phone: (559) 224-1698  
Fax: (559) 224-1698  
E-mail: [info@mintstills.com](mailto:info@mintstills.com)  
Website: [www.mintstills.com](http://www.mintstills.com)

### Squaw Valley Herb Gardens

This website invites you to explore the fascinating world of herbs. Includes a variety of tour packages for groups and individuals with photos, descriptions, calendar of events, and workshops.

Squaw Valley Herb Gardens  
31765 East Kings Canyon Road  
Squaw Valley, CA 93675  
Phone: (559) 332-2909  
Toll free: (800) 579-8043  
E-mail: [rosemary@squawvalleyherbgardens.com](mailto:rosemary@squawvalleyherbgardens.com)  
Website: [www.squawvalleyherbgardens.com](http://www.squawvalleyherbgardens.com)

# History

Also see *Agriculture-General and Economics listings*

## ► Indicates new for 2013-2014

### **Agricultural History**

Quarterly journal of research pertaining to the history of agriculture in all its phases by the Agricultural History Society. Edited at Rollins College.

Grades 9-adult

Free online information and subscription price listings

The Sheridan Press  
Attn: Agricultural History  
Post Office Box 465  
Hanover, PA 17331  
Phone: (717) 632-3535  
Fax: (717) 633-8920  
E-mail: [pubsvc@tsp.sheridan.com](mailto:pubsvc@tsp.sheridan.com)  
Website: [www.aghistorysociety.org/journal](http://www.aghistorysociety.org/journal)

### ► **Agriculture and Industrial Development in the United States**

In this unit, students identify and explore patterns of agricultural, industrial, and commercial development in the United States in the late 19th and early 20th centuries. This unit is part of the California Education and the Environment Initiative (EEI).

Grade 8

Free; available online only

Office of Education and the Environment  
1001 I Street  
Sacramento, CA 95812  
Phone: (916) 341-6769  
Website: [www.calepa.ca.gov/education/EEI](http://www.calepa.ca.gov/education/EEI)

### **America the Bountiful**

This resource offers 22-minute segments in a six-part video/DVD series about American agriculture. From the earliest roots of Indian corn, the series touches every era of American history to document the agricultural triumphs and tragedies that shaped our nation. 138 minutes, six sections, six printable resources, and 10 Web resources.

Grades 4-12

\$216 for complete series

Visual Education Productions  
1020 SE Loop 289  
Lubbock, TX 79404  
Fax: (800) 243-6398  
Website: [www.cevmultimedia.com](http://www.cevmultimedia.com)

### **Celebrate America**

This social studies supplement provides students the opportunity to explore the foods and traditions of their own individual cultural backgrounds and gather information about how and when their families came to America. The kit includes a video, leader's guide containing activity masters, and a full-color poster. This resource is aligned with California Content Standards.

Grades 4-5

Free

California Beef Council  
4640 Northgate Boulevard, Suite 115  
Sacramento, CA 95834  
Phone: (916) 925-2333  
Fax: (916) 925-8155  
E-mail: [askus@calbeef.org](mailto:askus@calbeef.org)  
Website: [www.calbeef.org](http://www.calbeef.org)  
Website: [www.teachfree.com](http://www.teachfree.com)  
Website: [www.beefnutrition.org](http://www.beefnutrition.org)  
Website: [www.zip4tweens.com](http://www.zip4tweens.com)

### **California's Gold**

This series highlights California's rich history and natural wonders. Host Huell Howser uncovers the colorful people and exciting places that make California so special. Agriculture-related episodes include "Hmong Farmers," "Centennial Farm," "Persimmons," and many more.

Grades 6-adult

\$21.70 VHS, \$24.96 DVD

Huell Howser Production  
4401 Sunset Boulevard  
Los Angeles, CA 90027  
E-mail: [huell@calgold.com](mailto:huell@calgold.com)  
Website: [www.calgold.com](http://www.calgold.com)

### **Growing a Nation: The Story of American Agriculture**

This online resource, also available as a DVD, provides educators and students with information, lessons, and resources about our nation's agriculture. Includes an agricultural timeline. Instructional unit also available.

Grades 7-adult

Free online information

National Institute of Food and Agriculture  
1400 Independence Avenue SW, Mail Stop 2215  
Washington, DC 20250-2215  
Phone: (202) 720-2727  
Fax: (202) 690-0062  
E-mail: [rالي@nifa.usda.gov](mailto:rالي@nifa.usda.gov)  
Website: [www.nifa.usda.gov](http://www.nifa.usda.gov)  
Website: [www.nifa.usda.gov/nea/education/in\\_focus/education\\_if\\_aic.html](http://www.nifa.usda.gov/nea/education/in_focus/education_if_aic.html)  
Website: [www.agclassroom.org](http://www.agclassroom.org)

## Harvest of History Website

This student-friendly site explores where food comes from, how and where it grows, and compares life in 1845 with our modern world. Students can produce their own movie using a "Village Videomaker." Interdisciplinary curriculum for fourth grade students explores how agriculture has been, and still is, an integral part of our lives.

Grades 3-8  
Free; available online only

The Farmers' Museum  
Post Office Box 30  
Cooperstown, NY 13326  
Phone: (607) 547-1450  
Toll free: (888) 547-1450  
Fax: (607) 547-1499  
E-mail: [info\\_farmers@nysba.org](mailto:info_farmers@nysba.org)  
Website: [www.harvestofhistory.org](http://www.harvestofhistory.org)

## The Old Farmer's Almanac

The Old Farmer's Almanac includes interesting facts and information about agriculture's history, the current weather, and more. The Old Farmer's Almanac for Kids is available in full-color.

Grades 2-adult  
\$5.99 for annual adult version  
\$9.95 for bi-annual kids edition

Yankee Publishing Company, Inc.  
Post Office Box 520  
Dublin, NH 03444  
Phone: (603) 563-8111  
Toll free: 800-ALMANAC  
Website: [www.almanac.com](http://www.almanac.com)  
Website: [www.almanac4kids.com](http://www.almanac4kids.com)

## Outstanding in their Fields: California Women Farmers

Outstanding in their Fields profiles 17 contemporary women farmers and ranchers who demonstrate the pioneering spirit, creativity, and courage that animates much of the artisanal agriculture, where women are leading the way. For many of these agriwomen, farming is a second occupation following careers in business, science, and aeronautics.

Grades 9-adult  
\$16.95 plus s/h

Small Farm Center  
University of California  
One Shields Avenue  
Davis, CA 95616-8699  
Phone: (530) 752-7779  
Fax: (530) 752-7716  
E-mail: [sfcenter@ucdavis.edu](mailto:sfcenter@ucdavis.edu)  
Website: [www.sfc.ucdavis.edu](http://www.sfc.ucdavis.edu)

## What's Cooking America Website

This website provides the history of many favorite foods including hamburgers, gumbo, and artichokes.

Grades 4-adult  
Free; available online only

What's Cooking America  
Website: [www.whatscookingamerica.net](http://www.whatscookingamerica.net)

## Honey

*Also see Bees listings*

### The Honey Files: A Bee's Life

This 20-minute VHS or DVD video and 96-page teacher's guide will have you and your students buzzing! These fun, new, educational materials provide information, classroom activities, and worksheets about bees, honey, and pollination.

Grades 4-6  
\$15, includes s/h  
Discounts available for educators

National Honey Board  
11409 Business Park Circle, Suite 210  
Firestone, CO 80504  
Phone: (303) 776-2337  
Toll free: (800) 553-7162  
Fax: (303) 776-1177  
Website: [www.honey.com](http://www.honey.com)

# Horses

► Indicates new for 2013-2014

## American Quarter Horse Association Materials

### American Quarter Horse Materials

Booklets and posters with general information, anatomy, and history of the American Quarter Horse are available.

Grades K-12  
Free

### Junior Master Horseman Curriculum

Junior Master Horseman is a non-breed specific equine curriculum that uses a variety of activities that reinforce the lessons on an interactive website. There are comprehension checks after each of the eight chapters. For more details on this curriculum, visit [JuniorMasterHorseman.com](http://JuniorMasterHorseman.com).

Grades 2-4  
\$14.95 plus s/h  
Order online

American Quarter Horse Association  
Post Office Box 200  
Amarillo, TX 79168  
Phone: (806) 378-4707  
Fax: (806) 349-6403  
E-mail: [cmartin@aqha.org](mailto:cmartin@aqha.org)  
Website: [www.aqha.com](http://www.aqha.com)

### ► Horse Ag Mag

Classroom sets of 30 agriculture magazines are provided in a set that explores the role of horses in agriculture production. Topics include grooming, vocabulary, careers, and history.

Grades 4-6  
\$5

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## Tennessee Walking Horse Breeders' and Exhibitors' Association

This association has background information on the Tennessee Walking Horse, which is known for its smooth ride and its use by mounted police. A variety of informational brochures are available.

Grades 2-adult  
Free

Tennessee Walking Horse Breeders' and Exhibitors' Association  
Post Office Box 250  
Lewisburg, TN 37091-0286  
Phone: (931) 359-1574  
Fax: (931) 359-7530  
E-mail: [ccoffey@twbhea.com](mailto:ccoffey@twbhea.com)  
Website: [www.twbhea.com](http://www.twbhea.com)

## Horticulture

Also see *Careers listings*

► Indicates new for 2013-2014

### American Horticultural Society

The American Horticultural Society is a national membership organization offering authoritative resources, publications, and educational programs. Among the educational initiatives, the Society promotes the value of children and youth gardening programs. The Society, in partnership with the National Junior Master Gardener program, presents the "Growing Good Kids: Excellence in Children's Literature Award" to honor engaging and inspiring plant, garden, and ecology-themed books for children.

Grades PreK-adult  
Online information

American Horticultural Society  
7931 East Boulevard Drive  
Alexandria, VA 22308  
Phone: (703) 768-5700  
Toll free: (800) 777-7931  
Fax: (703) 768-8700  
E-mail: [youthprograms@ahs.org](mailto:youthprograms@ahs.org)  
Website: [www.ahs.org](http://www.ahs.org)

### ► Investigations in Horticulture

Investigations in Horticulture contains 15 lessons with activities which encourage creative discoveries and applications of knowledge, and help teachers minimize the separations among content areas so that students experience more multidimensional learning.

Grades 6-8  
\$35

California Association of Nurseries and Garden Centers  
1521 I Street  
Sacramento, CA 95814  
Phone: (916) 928-3900  
Fax: (916) 567-0505  
E-mail: [info@cangc.org](mailto:info@cangc.org)  
Website: [www.cangc.org](http://www.cangc.org)

### Operation WATER: Dr. Thistle Goes Underground

This Junior Master Gardening curriculum combines the teacher/leader guide with reproducible pages. Through dozens of engaging and fun activities, students can investigate important soils and water concepts, take part in service learning projects, and earn Junior Master Gardener certification—all while undertaking an urgent mission to foil the newest plans of Dr. Thistle! Aligned with National Content Standards.

Grades 6-8  
\$35

Junior Master Gardener  
225 Horticulture/Forest Building, MS 2134  
College Station, TX 77843-2134  
Phone: (979) 845-8565  
Toll free: (888) 900-2577  
Fax: (979) 845-8906  
E-mail: [programinfo@jmgkids.us](mailto:programinfo@jmgkids.us)  
Website: [www.jmgkids.us](http://www.jmgkids.us)

## Hydroponics

### Classroom Hydroponic Plant Factory Curriculum

This curriculum provides information and lessons needed to do classroom hydroponic experiments. Other supplies and hydroponic sets available.

Grades 7-12  
\$14.95 plus s/h

Foothill Hydroponics  
10705 Burbank Boulevard  
North Hollywood, CA 91601  
Fax: (818) 760-4025  
Website: [www.foothillhydroponics.com](http://www.foothillhydroponics.com)

### Exploring Classroom Hydroponics

This online resource will help you understand hydroponics basics, set up classroom systems, and engage students in plant growing activities that do not use soil.

Grades K-12  
Free online information

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

## Insects

Also see *Ants, Bees, Butterflies and Ladybugs listings*

### Entomology Youth Activity Guide Set

This set includes three entomology activity guides and a helper's guide. Students explore the amazing world of insects and their arthropod relatives. Each guide introduces students to age-appropriate content, including activities that teach valuable life skills through insects found in the soil, on plants, in homes, on pets, and in other secret places.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### Garden Pollinators: Third Grade Science Exploration

This grouping of seven lesson plans, taken from the Life Lab Science Curriculum, focuses on pollinator studies and meets the third grade California Content Standards for California Public Schools in science. Packet includes recommended literature, a master materials list, and a blackline science journal.

Grade 3  
Free; available online only

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

## Insect Lore

Insect Lore specializes in living science and nature kits, including butterflies, silkworm eggs, ladybugs, ants, praying mantises, mealworms, and earthworms for the school and home. Videos, puppets, plant growing kits, games, science projects, puzzles, and music are also available.

Grades K-12  
Free catalog

Insect Lore  
Post Office Box 1535  
132 Beech Street  
Shafter, CA 93263  
Toll free: (800) LIVE BUG  
Fax: (661) 746-0334  
E-mail: [livebug@insectlore.com](mailto:livebug@insectlore.com)  
Website: [www.insectlore.com](http://www.insectlore.com)

## Kiwifruit

### Kiwifruit Educational Resources

Download nutritional information, poster, and lessons about kiwifruit.

Grades 2-6  
Free

California Kiwifruit Commission  
770 East Shaw, Suite 220  
Fresno, CA 93710  
Phone: (559) 226-4780  
Fax: (559) 226-6721  
E-mail: [info@kiwifruit.org](mailto:info@kiwifruit.org)  
Website: [www.kiwifruit.org](http://www.kiwifruit.org)

## Ladybugs

*Also see Insects listings*

### Ladybug! Ladybug! A Curriculum Activity Guide

Packed with over 50 ladybug activities, this guide features science, math, and language arts activities to do over a month-long period. Patterns are full size and ready for the copier.

Grades PreK-3  
\$15.99 plus s/h

Insect Lore  
Post Office Box 1535  
132 Beech Street  
Shafter, CA 93263  
Toll free: (800) LIVE BUG  
Fax: (661) 746-0334  
E-mail: [livebug@insectlore.com](mailto:livebug@insectlore.com)  
Website: [www.insectlore.com](http://www.insectlore.com)

## Ladybugs

This popular GEMS unit presents key science and math concepts, including basic information on animal life and ecology.

Grades PreK-1  
\$20 plus s/h

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

## Literature

*Also see individual subject matter listings*

### Agricultural Awareness Through Poetry

Students gain an appreciation of the role agriculture plays in their lives as they read and analyze poetry and write an agricultural poem of their own.

Grades 9-10  
Free; also available online  
Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

### Green Eggs and Agriculture

Celebrate Dr. Seuss' birthday the agriculture way—lessons with an ag theme correlated to Dr. Seuss books! Downloadable from [www.agintheclassroom.org/060605/Teachers/Printable/printable\\_home.html](http://www.agintheclassroom.org/060605/Teachers/Printable/printable_home.html).

Grades PreK-4  
Free download

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## Imagine this... Stories Inspired by Agriculture

This soft cover book of colorful, agriculture related stories features winning entries of the *Imagine this...* Story Writing Contest, illustrated by high school art students.

Grades 3-8

\$6

California Foundation for Agriculture in the Classroom  
Attn: Imagine this... Story Writing Contest  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [imaginethis@learnaboutag.org](mailto:imaginethis@learnaboutag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Livestock

Also see *Beef Cattle, Chickens, Dairy, Goats, Pork, Sheep and Turkey listings*

### ► Indicates new for 2013-2014

### ► Livestock Ag Mag

Classroom sets of 30 agriculture magazines that explore livestock production. Topics include beef cattle, pigs, dairy cattle, animal nutrition, horses, chickens, and general farm facts.

Grades 4-6

\$5

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aite@ilafb.org](mailto:aite@ilafb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### Livestock Cards

This full-color set of six cards provides illustrations about livestock, including beef cattle, sheep, dairy cattle, poultry, swine, and a vocabulary card. The back side of the card has basic information about each species.

Grades K-adult

\$4 for each set plus s/h

Available free online

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenh@nefb.org](mailto:ellenh@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

## ► www.AnimalSmart.org

This website from American Society of Animal Sciences features science-based information on livestock and companion animals. Real scientists answers questions about animal health and welfare, animals and the environment, animal science careers, and feeding the world. Home to the Jr. Animal Scientist program, the website also offers kid-friendly videos, games, and information.

Grades K-12

Free, available online only

American Society of Animal Sciences  
Post Office Box 7410  
Champaign, IL 61826-7410  
Phone: (217) 356-9050  
Fax: (217) 398-4119  
E-mail: [animalsmart@asas.org](mailto:animalsmart@asas.org)  
Website: [www.animalsmart.org](http://www.animalsmart.org)

## Mathematics

Also see *Agriculture-General, Economics and Statistics listings*

### GEMS - Great Explorations in Math and Science

Teacher guides and handbooks encourage activity-based science and mathematics. Titles include "Eggs Eggs Everywhere," "Buzzing a Hive," and "Vitamin C Testing."

Grades PreK-8

Free catalog

University of California, Berkeley  
GEMS  
Lawrence Hall of Science, #5200  
Berkeley, CA 94720-5200  
Phone: (510) 642-7771  
Fax: (510) 643-0309  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: [www.lhsgems.org](http://www.lhsgems.org)

### Math in the Garden

This engaging curriculum uses a mathematical lens to take children on an education-filled exploration of the garden. Dozens of hands-on activities hone math skills and promote inquiry, language arts, and nutrition. All were developed to support mathematics and science standards and were extensively trial-tested by educators and youth leaders nationwide. Developed by the University of California Botanical Garden and Lawrence Hall of Science in Berkeley, California.

Grades K-8

\$29.95

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)



## Population Education Resources

Downloadable activities and instructional materials, listed by grade level and subject matter, help investigate food systems and food supply.

Grades K-12

Free online

Population Education  
2120 L Street NW, Suite 500  
Washington, DC 20037  
Toll free: (800) POP-1956  
E-mail: [PopEd@populationconnection.org](mailto:PopEd@populationconnection.org)  
Website: [www.PopulationEducation.org](http://www.PopulationEducation.org)  
Website: [www.Worldof7Billion.org](http://www.Worldof7Billion.org)

## Minerals

*Also see Fertilizers listings*

### Mineral Information Institute Materials

#### Mineral Bookmarks

This laminated bookmark set features 40 mineral commodities with photos, information, everyday uses, and classification guides. Each bookmark has information printed on front and back.

Grades 7-adult

\$15

#### Mineral Information Institute

View the Mineral Information Institute website for lessons and information for teachers. Many ideas can be incorporated into science and agricultural curricula.

Grades K-12

Free

Mineral Information Institute  
8307 Shaffer Parkway  
Littleton, CO 80127-4102  
Phone: (303) 948-4236  
Fax: (303) 948-4265  
E-mail: [mii@mii.org](mailto:mii@mii.org)  
Website: [www.mii.org](http://www.mii.org)

## Mushrooms

### Educator's Mushroom Growth Kit

This mushroom kit includes a lesson plan complete with classroom, laboratory, and extension activities; mushroom life cycle and anatomy worksheets; Mushroom Modules containing medium and mushroom spores; and all materials and equipment needed for the growth of the mushrooms. Select from one of three grade-level groupings. Each lesson plan includes a full chapter's worth of textbook-style background information as well as concepts, science themes, and laboratory and extension activities. Reviewed and endorsed by the California Department of Education as a National Science Education Standards-based lesson. Indicate grade level lesson preference when ordering.

Grades K-4, 5-8, 9-12 and adult

1 Module Kit, \$19.95 plus shipping

2 Module Kits, \$29.95 plus shipping

3 Module Kits, \$34.95 plus shipping

4 Module Kits, \$39.95 plus shipping

Gourmet Mushrooms, Inc.  
Post Office Box 180  
Sebastopol, CA 95473  
Phone: (707) 823-1743  
Fax: (707) 823-1507  
Website: [www.mycopia.com](http://www.mycopia.com)

### Mushroom Fact and Activity Sheet

This California-specific fact sheet includes information on mushroom production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about mushrooms.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Music

### Agri-Licious Farm Smart Melodies

This CD brings the joy of agriculture to life with songs you can dance to. Songs relate to agriculture, nutrition and environmental science. Includes a companion booklet featuring lyrics to the songs and related expansion activities.

Grades K-6  
\$20

Nancy Caywood Robertson  
1004 E. Holton Road  
El Centro, CA 92243  
Phone: (520) 560-1119  
E-mail: [nlwade@ucdavis.edu](mailto:nlwade@ucdavis.edu)

### Banana Slug String Band Materials

#### Dirt Made My Lunch

Come and sing in the garden with the Banana Slugs. This band's focus is on earth-sciences education. The wacky humor helps students get excited about science topics. Songs include "Dirt Made My Lunch," "Banana Slug," and "Roots, Stems, Leaves."

Grades PreK-8  
Prices vary

#### Singing in Our Garden

Gardening has never been so much fun! Sing along with the Banana Slug String Band as you work in the garden or classroom. Highlights from the CD include "Give Plants a Chance" and "FBI (Fungus, Bacteria & Invertebrates)."

Grades PreK-8  
Prices vary

Banana Slug String Band  
Post Office Box 2262  
Santa Cruz, CA 95063  
Phone: (888) 327-5847  
Toll free: (888) 327-5847  
Fax: (888) 327-5847  
E-mail: [slugs@bananaslugstringband.com](mailto:slugs@bananaslugstringband.com)  
Website: [www.bananaslugstringband.com](http://www.bananaslugstringband.com)

### Musical Plays for Musically Timid Teachers

These exciting musical plays come with an audio CD in which the composer demonstrates the songs and provides musical accompaniments. Includes the script and a teacher's guide containing set and staging information and costume and casting suggestions. Two of several titles is "The Garden Show" and "The Nutrition Show."

Grades 2-6  
\$39.95 each plus s/h; quantity discounts available

Bad Wolf Press  
5391 Spindrift Court  
Camarillo, CA 93012  
Toll free: (888) 827-8661  
Fax: (805) 484-3490  
E-mail: [ron@badwolfpress.com](mailto:ron@badwolfpress.com)  
Website: [www.badwolfpress.com](http://www.badwolfpress.com)

## Native Plants

*Also see Botany, Environment and Gardening listings*

### California Native Plant Society

A valuable resource for those interested in native plants. Includes background information, resource book listings, lesson plans, and more.

Grades 3-adult  
Online information

California Native Plant Society  
2707 K Street, Suite 1  
Sacramento, CA 95816  
Phone: (916) 447-2677  
Fax: (916) 447-2727  
E-mail: [cnps@cnps.org](mailto:cnps@cnps.org)  
Website: [www.cnps.org](http://www.cnps.org)

## Newspapers

### Ag Alert

This colorful weekly newspaper, available to California Farm Bureau Federation members, provides current information and articles on California's agriculture sector.

Grades 8-adult  
Free subscription to California Farm Bureau members  
Selected weekly stories available to the public online

Ag Alert  
California Farm Bureau Federation  
2300 River Plaza Drive  
Sacramento, CA 95833  
Phone: (916) 561-5570  
Fax: (916) 561-5695  
E-mail: [agalert@cfbf.com](mailto:agalert@cfbf.com)  
Website: [www.agalert.com](http://www.agalert.com)

## What's Growin' On?

This 16-page annual newspaper for students highlights the many careers and agricultural products of California. Activities, trivia, readings, and graphics are sprinkled throughout, providing a connection for every learner. Activities are aligned to the Content Standards for California Public Schools.

Grades 3-8

Free; also available online

Free single copies or class sets, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Capital Press Agriculture Weekly Newspaper

This weekly newspaper provides current information about agriculture topics and events. Capital Press covers ag news in California, Idaho, Oregon, and Washington.

Grades 9-adult

\$3.75 per month, \$49 per year

Capital Press - The West's Ag Weekly  
Post Office Box 2048  
Salem, OR 97308  
Toll free: (800) 882-6789  
E-mail: [treisner@capitalpress.com](mailto:treisner@capitalpress.com)  
Website: [www.capitalpress.com](http://www.capitalpress.com)

## Nutrition

*Also see Gardening and specific subject matter listings*

### ► Indicates new for 2013-2014

### 24 Carrot Press Materials

#### How to Teach Nutrition to Kids

The 4th edition of How to Teach Nutrition to Kids promotes positive attitudes about food, fitness, and body image. The book features the USDA's MyPlate food guide and more than 200 hands-on nutrition education activities.

Grades 1-6

\$19.95 plus s/h

## Nutrition Fun with Brocc & Roll

The 2nd edition of Nutrition Fun with Brocc & Roll combines a discovery approach to learning with a healthy dose of humor. With 42 copy-ready activities, puzzles, and recipes, children learn to put the MyPlate food guide into practice, assess food and activity habits, set goals for good health, decode advertising and food labels, and develop basic cooking and gardening skills.

Grades K-6

\$14.95

24 Carrot Press  
Post Office Box 23546  
Portland, OR 97281-3546  
Phone: (503) 524-9318  
Fax: (503) 524-8318  
E-mail: [orders@nutritionforkids.com](mailto:orders@nutritionforkids.com)  
Website: [www.nutritionforkids.com](http://www.nutritionforkids.com)

## Alexander's Enrichment Activities

This activity book was designed for parents and educators to use in conjunction with each of the Alexander books by Linda J. Hawkins. Included in the activity books are lesson plans, activity charts, word searches, and coloring sheets.

Grades K-3

\$5.95 plus s/h

Heart to Heart Publishing, Inc.  
519 Muddy Creek Road  
Morgantown, KY 42261  
Phone: (270) 526-5589  
Toll free: (888) 526-5589  
Fax: (270) 526-7489  
E-mail: [hawkinslindaj@logantele.com](mailto:hawkinslindaj@logantele.com)  
Website: [www.lindajhawkins.com](http://www.lindajhawkins.com)

## Brain Child Books Materials

### Fruit and Vegetable Flash Cards

A box set of 48 (24 fruit and 24 vegetable) flash cards helps develop identification, categorization, and vocabulary skills. Each 4.25" x 5.5" card is full-color, laminated, and washable.

Grades PreK-2

\$12 plus s/h

### Memory-Match Ups Games

The food-themed Match Up memory games help students identify fruits and vegetables, and make healthy food choices. Each set contains 40 game cards, 20 different pictures and suggestions for different ways to play with 1 to 4 players.

Grades PreK-2

\$6.25 plus s/h

Brain Child Books  
13324 Beckenham Drive, Suite 100  
Little Rock, AR 72212  
Phone: (501) 837-5081  
Fax: (501) 228-0908  
Website: [www.brainchildpress.com](http://www.brainchildpress.com)

## California Beef Council Materials

### Fit for a Princess

Created for girls in after-school programs, this resource focuses on nutrition and being physically active. Participants earn a patch by completing five activities from the booklet and performing a reader's theater skit with their group. Kit includes leader's guide with reproducible activity sheets, student workbooks with punch-out crown, and Princess ZIP patches.

Grades 3-6  
Free

### MyPyramid: Food Guide Pyramid for Kids

These are sheet-size posters of the very colorful new Food Guide Pyramid for Kids. The nutritional value of beef is very important in a balanced diet and is shown in this MyPyramid poster.

Grades 1-12  
Free

### Power Up with Lean Beef

This recipe brochure allows students to enjoy learning about the importance of beef in their daily diet. The brochure contains information on MyPyramid, lean cuts of beef, and ZIP (Zinc, Iron and Protein), while letting students have fun with a word search, word jumble, and hamburger maze.

Grades 3-9  
Free

California Beef Council  
4640 Northgate Boulevard, Suite 115  
Sacramento, CA 95834  
Phone: (916) 925-2333  
Fax: (916) 925-8155  
E-mail: [askus@calbeef.org](mailto:askus@calbeef.org)  
Website: [www.calbeef.org](http://www.calbeef.org)  
Website: [www.teachfree.com](http://www.teachfree.com)  
Website: [www.beefnutrition.org](http://www.beefnutrition.org)  
Website: [www.zip4twins.com](http://www.zip4twins.com)

## California Department of Education Materials

### Food for Thought: Nutrition Across the Curriculum

This CD-ROM is designed to teach three-to-five year olds nutrition and healthy food choices. Illustrations, recipes for classroom use, and hands-on activities help children learn concepts in science, math, language, and literacy.

Grades PreK-K  
\$19.95 plus s/h and tax

## Fresh Fruit and Vegetable Photo Cards

This is a set of 142 color photographs suitable for framing. Each fully-laminated 8" x 9" card displays a color photograph of a fruit or vegetable with its name in English and Spanish. On the reverse is a bar graph displaying an analysis of nutrients and suggested serving size.

Grades K-12  
\$50 plus tax and \$5.95 s/h; item #1650

California Department of Education  
CDE Press Sales  
1430 N Street, Suite 3207  
Sacramento, CA 95814  
Phone: (916) 445-1260  
Fax: (916) 323-0823  
E-mail: [sales@cde.ca.gov](mailto:sales@cde.ca.gov)  
Website: [www.cde.ca.gov/re/pn/rc](http://www.cde.ca.gov/re/pn/rc)

## Dairy Council of California Materials

### Activity and Eating: Small Steps to a Healthier You

An eight-page self-instructional booklet will help students understand the connection between being physically active, making healthful food choices, and maintaining optimal health. Teachers receive an instruction sheet, CD-ROM PowerPoint, and student booklets in English or Spanish.

Grades 9-12  
Free; California teachers only

### BreakFAST & Jump To It!

Test your knowledge about the importance of eating a healthy breakfast and what makes up a healthy breakfast.

Grades K-6  
Free online

### Building a Healthy Me

Six activities introduce students to the USDA's food grouping system and classifying foods. The program aligns with Common Core Standards and 2010 Dietary Guidelines. A teacher guide, step-by-step lessons, food pictures, parent booklets, and blackline masters are included. Available in English or Spanish.

Grade K  
Free; California teachers only

### Deal Me In... food and fitness

Deal Me In... food and fitness is a self-contained program that provides fun, hands-on, engaging ways to introduce and reinforce healthy eating and physical activity in an after-school program. Materials include color workbooks for each student, complete full-color game cards, and parent booklets. Updates reflect the 2010 Dietary Guidelines. Available in English and Spanish.

Grades K-6  
Free; California after-school programs only

### Exercise Your Options

A nutrition and fitness program that centers around the uniqueness of teens. This eight-lesson unit offers peer teaching strategies, information, and activities on current adolescent issues including: Body Image; Bone Health; Sports Nutrition; Disordered Eating; Navigating Options, Choices and Decisions Away from Home; Realistic Portion Sizes; and Nutrition and Achievement. DVD included with eight video clips and presentation to help students engage with the program lessons and learn through multiple learning modalities. This free program aligns to Common Core Standards for language arts, math, and science. Updated to reflect the current 2010 Dietary Guidelines.

Grades 6-8  
Free; California teachers only

### Healthy Choices, Healthy Me!

Dairy Council's lower elementary curriculum teaches students about making healthy food and activity choices. This literature-based program engages students by providing opportunities for them to personalize health and nutrition concepts in authentic, meaningful ways. At the core of the second grade program is *The Market Mystery*, a story that captures young learners' natural curiosity about themselves and the world around them. The first grade program focuses on mastering the concept of food group categorization. Both programs have a parent connection to reinforce the nutrition concepts learned in the classroom. Teachers receive a teacher's guide, student workbooks, and other support materials. Updated to reflect the current 2010 Dietary Guidelines and aligned to Common Core standards for language arts, math, and science. Student workbooks are available in English and Spanish.

Grades 1 and 2  
Free; California teachers only

### My Very Own Pizza

Learn about the nutrition and history of one of our favorite foods. Newly updated version reflects USDA MyPyramid and 2005 Dietary Guidelines.

Grades 3-adult  
Free; available online only

### Nutrition Pathfinders

Students will learn about main nutrients and their health benefits, analyze food advertisements, and set goals. Teachers receive a teacher's guide, color transparencies, and student workbooks. These programs have been updated to reflect the current 2010 Dietary Guidelines and are aligned to Common Core Standards in language arts, math, and science. Student workbooks are available in English and Spanish.

Grades 4 and 5  
Free; California teachers only

### Shaping Up My Choices

This curriculum explores food and physical activity. Ten lessons engage students in making healthy choices that will lead to lifelong good health. Aligned Common Core standards, the curriculum includes a teacher's guide, color transparencies, and student workbooks (available in English and Spanish).

Grade 3  
Free; California teachers only

Dairy Council of California  
1101 National Drive, Suite B  
Sacramento, CA 95834  
Phone: (916) 263-3560  
Fax: (916) 263-3566  
E-mail: [info@dairycouncilofca.org](mailto:info@dairycouncilofca.org)  
Website: [HealthyEating.org](http://HealthyEating.org)

### ► Essential Nutrients 5-Piece Poster Set

Nitrogen, phosphorus, potassium, and sulfur 18" x 24" posters colorfully illustrating the foods we need to eat to provide our bodies with nutrients. *Plants Need Proper Nutrition* poster is also included.

Grades K-12  
\$20.00 per set

International Plant Nutrition Institute  
3500 Parkway Lane, Suite 550  
Norcross, GA 30092-2806  
Phone: (770) 447-0335  
Fax: (770) 448-0439  
E-mail: [dedwards@ipni.net](mailto:dedwards@ipni.net)  
Website: [www.ipni.net](http://www.ipni.net)

### The Farmer Grows a Rainbow

This set of lesson activities introduces students to MyPlate, the food guide developed by the United States Department of Agriculture (USDA). This kit educates students about making nutritious choices and the benefits of a healthy diet. The goal of "The Farmer Grows a Rainbow" is to enhance MyPlate lessons, integrate them with traditional academic subjects, and emphasize the vital role played by the farmer in food production.

Grades PreK-5  
Free; available online  
\$100/kit includes s/h

North Carolina Agriculture in the Classroom  
Post Office Box 27766  
Raleigh, NC 27611  
Phone: (919) 783-4319  
Fax: (919) 783-3593  
Website: [www.ncagintheclassroom.com](http://www.ncagintheclassroom.com)

### Feeding Minds, Fighting Hunger

This website has a series of lessons that educate about the food system, food security, and hunger in the world. Curricula is designed for educators, and includes a special section, “Youth Window,” for young people. An active learning component on the right to food, which includes a cartoon story book for 10-16-year-olds and a teacher’s activity guide, is available. Also available in Spanish.

Grades K-12

Limited quantities free; also available online

Food and Agriculture Organization of the United Nations  
Viale delle Terme di Caracalla  
Rome, Italy, 00153  
Phone: +39-06-57054292  
E-mail: [fmfb@fao.org](mailto:fmfb@fao.org)  
Website: [www.feedingminds.org](http://www.feedingminds.org)

### Food, Culture, and Reading

This nutrition education program uses literature to teach about food, nutrition, healthy living, and different cultures. Each unit includes a family take-home sheet with nutritional information, activities, and recipes.

Grades 4-6

\$8.13

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### Fruits and Vegetables for Health

This comprehensive unit teaches students about the production, distribution, and nutritional value of California fresh produce. Geography, writing, graphing, and science activities are used to teach the importance of eating a variety of fresh fruits and vegetables. Aligned to the Content Standards for California Public Schools.

Grades 4-6

Free; also available online

Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Healthy Classroom Parties

This resource provides guidelines for creating a classroom party with foods that are lower in fat and calories. Includes menu planning and snack ideas.

Grades K-adult

Free online information

Alhambra Unified School District Nutrition Network  
1515 Mission Road  
Alhambra, CA 91803  
Phone: (626) 308-2212  
Website: [www.alhambranetwork.org](http://www.alhambranetwork.org)

### Healthy Eating and Exercise

This software includes eight interactive games that teach children to eat more fruits and vegetables, avoid junk food, and stay physically active. Includes curriculum and downloadable activity pages.

Grades K-3

\$19.95 plus s/h

NoteNiks  
SoundAdvice, Inc.  
Post Office Box 20992  
Oakland, CA 94620  
Phone: (510) 338-1208  
Fax: (510) 658-5735  
E-mail: [mindy@noteniks.com](mailto:mindy@noteniks.com)  
Website: [www.noteniks.com](http://www.noteniks.com)

### ► How Did That Get In My Lunchbox? The Story of Food Educator’s Guide

Test piloted and aligned to the national learning standards for early elementary classrooms, this educator’s guide and its activities and resources accompanies the AFBFA Book of the Year, “How Did That Get In My Lunchbox?”

Grades K-2

\$3.50; plus shipping

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

## Illinois Agriculture in the Classroom Materials

### Nutrition Ag Mag

Classroom sets of 30 agriculture magazines feature four-page, colorful agricultural magazines containing information about agriculture, classroom activities, and agricultural careers. This edition teaches students to use MyPyramid and exercise to optimize their nutrition and fitness.

Grades 4-6  
\$7.50 per set

### Nutrition Lessons

Downloadable lesson plans expand students' understanding of the food guide pyramid. Students learn through physical activities and visual arts. Complements Nutrition Ag Mag.

Grades K-6  
Free online; Nutrition Ag Mags are \$7.50/set plus s/h

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aite@ilfb.org](mailto:aite@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## Learning ZoneXpress Materials

### ► 5 Minute Fruit and Vegetable Activities

Use these 5 Minute Fruit & Vegetable Activities for quick, easy, and effective activities to fill extra minutes of class time. Divided into three different age levels, this collection of short activities is perfect for preschool, elementary, and middle/high school-aged students.

Grades K-12  
\$29.95

### ► Garden Heroes Activities Book

Grow a love for fruits and vegetables in young children with this activity book. It's packed full of nutrition education information and education-rich activities, featuring all 35 different fruit and vegetable Garden Heroes®. The book includes: Nutrition Bites: Information on the fruit or vegetable including Spanish name, where it grows, what it looks like, and how to eat it. Heroic Facts: Fun and surprising trivia about the fruit or vegetable Taste Adventure: A kid-friendly recipe for classroom or home Superhero Activity: An activity in math, literacy, art, movement, science, or dramatic play relating to fruits and vegetables.

Grades K-6  
\$29.95

### ► Garden Heroes Plush Characters

Garden Heroes are adorable plush fruit and vegetable bean-bag characters that can help educate and promote eating fruits and vegetables. Set of 12 characters are machine washable, feature embroidered faces, and range from 3"-7" in height. Set includes: Apricot, Blueberry, Cantaloupe, Kiwifruit, Strawberry, Broccoli, Cherry Tomatoes, Eggplant, Red Pepper, Spinach, Sugar Snap Peas, and Sweet Potato.

Grades K-6  
\$49.95

Learning ZoneXpress  
667 East Vine Street  
Owatonna, MN 55060  
Phone: (888) 455-7003  
Fax: (507) 455-3380  
E-mail: [customercare@learningzonexpress.com](mailto:customercare@learningzonexpress.com)  
Website: [www.learningzonexpress.com](http://www.learningzonexpress.com)

## Los Angeles Unified School District - Network for a Healthy California

The LAUSD Network for a Healthy California provides opportunities for students to comprehend the importance of a healthy lifestyle. Numerous resources are available to educators, including "Harvest of the Month," a guide that highlights one fruit or vegetable a month, lessons for multiple subject areas, and teacher trainings.

Grades K-12  
Free to LAUSD teachers who qualify

Network for a Healthy California LAUSD  
6651 C Balboa Boulevard  
Van Nuys, CA 91406  
Phone: (818) 609-2550  
Fax: (818) 609-2580  
Website: [www.healthylaund.net](http://www.healthylaund.net)

### ► MyPlate: Food Guide Plate for Kids

These are sheet-size posters of the colorful MyPlate Food Guide for kids. The back of the poster includes activities that focus on how to use the MyPlate concepts.

Grades 1-12  
Free

California Beef Council  
4640 Northgate Boulevard, Suite 115  
Sacramento, CA 95834  
Phone: (916) 925-2333  
Fax: (916) 925-8155  
E-mail: [askus@calbeef.org](mailto:askus@calbeef.org)  
Website: [www.calbeef.org](http://www.calbeef.org)  
Website: [www.teachfree.com](http://www.teachfree.com)  
Website: [www.beefnutrition.org](http://www.beefnutrition.org)  
Website: [www.zip4twens.com](http://www.zip4twens.com)

## National Dairy Council Materials

### ► Fuel Up to Play 60

Created in partnership by National Dairy Council (NDC) and the National Football League (NFL), the Fuel Up to Play 60 program empowers youth to take actions to improve nutrition and physical activity at their school and for their own health. Fuel Up to Play 60 has fun action strategies or 'Plays' for students to plan, implement and participate in for themselves and their school. Students help lead and design the strategies to create more options for being physically active and eating more healthy foods.

K - 12

free - available online  
competetive grants available

### National Dairy Council

Provides materials for all grade levels on nutrition and the milk industry.

Grades K-12

Free online information

National Dairy Council  
10255 West Higgins, Suite 900  
Rosemont, IL 60018  
Phone: (847) 803-2000  
Fax: (847) 803-2077  
E-mail: [nancy.sandbach@rosedmi.com](mailto:nancy.sandbach@rosedmi.com)  
Website: [www.FuelUptoPlay60.com](http://www.FuelUptoPlay60.com)  
Website: [www.NationalDairyCouncil.org](http://www.NationalDairyCouncil.org)

### NEAT Solutions Catalog

This catalog features a large selection of high-quality nutrition education resources for children, including books, music, posters, jewelry, and stickers. Visit the website for new updates and products.

Grades K-12

Free catalog

NEAT Solutions For Healthy Children, Inc.  
6645 Alhambra Avenue  
Martinez, CA 94553  
Phone: (925) 934-4771  
Toll free: (888) 577-6328  
Fax: (925) 934-5086  
E-mail: [Brenda@neatsolutions.com](mailto:Brenda@neatsolutions.com)  
Website: [www.neatsolutions.com](http://www.neatsolutions.com)

## Network for a Healthy California Materials

### Network for a Healthy California: Children's Power Play!

#### Campaign: School Idea & Resource Kits

With the Network's Children's Power Play! Campaign (formerly 5 a Day—Power Play! Campaign), 9- to 11-year-old children can be motivated to eat more fruits and vegetables, and be more physically active using educational games and activities. The resource kits feature 10 fruit, vegetable and physical activity lessons, and involve kids in setting goals, spreading the word about healthy eating and physical activity, and advocating for healthy changes in their environments. Includes student workbook containing handouts to supplement lesson activities.

Grades 4-5

Free to sites serving low-income children; also available online

#### Power Up For Learning: A Physical Activity Supplement to the School Idea & Resource Kit

Reinforce the nutrition concepts from Power Play!'s School Idea & Resource Kit with six physically active games and 10 classroom energizers.

Grades 4-5

Free to sites serving low-income children; also available online

#### School Idea & Resource Kits

Each kit includes 10 activities designed to encourage and motivate students to eat fruits and vegetables and be physically active every day. The activities link to the California Content Standards in English-language arts and mathematics.

Grades 4-5

Free; available online only

Network for a Healthy California—Children's Power Play!  
Campaign  
California Department of Public Health  
Cancer Prevention and Nutrition Section, MS 7204  
Post Office Box 997377  
Sacramento, CA 95899-7377  
Phone: (916) 449-5417  
Fax: (916) 449-5415  
E-mail: [Betty.Sun@cdph.ca.gov](mailto:Betty.Sun@cdph.ca.gov)  
Website: [www.networkforahealthycalifornia.net/powerplay](http://www.networkforahealthycalifornia.net/powerplay)  
Website: [www.cachampionsforchange.net](http://www.cachampionsforchange.net)

### PCI Photo Bingo

Fresh produce and prepared foods bingo games include 20 full-color bingo cards, calling cards, a matching mat, bingo chips, and instructions. Perfect for special education classes, including second language learning classes. Other games available.

Grades K-adult

Prices vary

PCI Educational Publishing  
Post Office Box 34270  
San Antonio, TX 78265-4270  
Toll free: (800) 594-4263  
Fax: (888) 259-8284  
Website: [www.specialed.net](http://www.specialed.net)



## Produce for Better Health Foundation

The Fruits & Veggies/More Matters™ health initiative suggests simple ways to add more fruits and vegetables to every eating occasion. Many resources—including class curriculum and games, as well as fun materials for educators and students—are available on the website.

Grades PreK-adult  
Free catalog

Produce for Better Health Foundation  
7465 Lancaster Pike, Suite J, 2nd Floor  
Hockessin, DE 19707  
Toll free: (888) 391-2100  
Fax: (302) 235-5555  
E-mail: [krobinson@pbhfoundation.org](mailto:krobinson@pbhfoundation.org)  
Website: [www.pbhcatalog.org](http://www.pbhcatalog.org)  
Website: [www.fruitsandveggiesmorematters.org](http://www.fruitsandveggiesmorematters.org)

## Simply in Season

Both of these adult and children's cookbooks provide recipes and reasons to eat seasonal food. Through stories and simple whole foods recipes, "Simply in Season," a new World Community Cookbook, explores how the food we put on our tables impacts our local and global neighbors. It shows the importance of eating local, seasonal food, and invites readers to make choices that offer security and health for our communities, for the land, and for body and spirit.

Grades K-adult  
Paperback, \$19.99; Children's cookbook, \$24.99

Herald Press  
616 Walnut Avenue  
Scottsdale, PA 15683  
Phone: (800) 245-7894 x 278  
E-mail: [hp@mpn.net](mailto:hp@mpn.net)  
Website: [www.worldcommunitycookbook.org](http://www.worldcommunitycookbook.org)

## Smart Picks, Inc. Materials

### Food Pyramid Bingo

Food Pyramid Bingo teaches basic nutrition and includes 95 different foods (milk and meat alternatives included). Can be used as a learning tool for anyone on a vegetarian, vegan, gluten-free, heart healthy, or weight loss diet. For 2-30 players.

Grades 2-adult  
\$29.95 plus shipping

## Fruit & Veggie Color Bingo

Designed to fuel kids' passion for produce. Students will learn to group 95 fruits and veggies by color and understand how they keep bodies growing strong and healthy. Includes user-friendly charts and resources, a coloring activity, a recipe for green smoothies, and more.

Grades 2-adult  
\$29.95

Smart Picks, Inc.  
Post Office Box 771440  
Lakewood, OH 44107  
Phone: (216) 226-6173  
E-mail: [smartpicks@gmail.com](mailto:smartpicks@gmail.com)  
Website: [www.smartpicks.com](http://www.smartpicks.com)

## Olives

### California Olive Industry

Information on olives, including cultivating and harvesting. Nutritional information, lesson plans, and fun facts are available on the website.

Grades K-12  
Free; available online only

California Olive Industry  
2665 North Air Fresno Drive, Suite 108  
Fresno, CA 93727  
Phone: (559) 456-9096  
E-mail: [pshea@vittleinformation.com](mailto:pshea@vittleinformation.com)  
Website: [www.calolive.org](http://www.calolive.org)

## Onions

*Also see Vegetables listings*

### Potandon Produce

Potandon is a well-known provider of fresh produce. This company's website has information on the history of onions, onion anatomy, and other information about this plant that is used for seasoning.

Grades 6-adult  
Online information only

Potandon Produce  
Website: [www.potandon.com](http://www.potandon.com)

## Organic Foods

Also see *Agriculture-General, Gardening and Sustainable Agriculture listings*

### The Center for Agroecology and Sustainable Food Systems

This organization has online course descriptions and numerous resources on sustainable agriculture topics.

Grades 9-adult  
Free online information

CASES - UC Santa Cruz  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-3240  
Fax: (831) 459-2799  
E-mail: [mtbrown@ucsc.edu](mailto:mtbrown@ucsc.edu)  
Website: [casfs.ucsc.edu](http://casfs.ucsc.edu)

## Peaches

Also see *Fruit listings*

### Cling Peaches Fact and Activity Sheet

This California-specific fact sheet includes information on cling peach production, history, nutrition and economic value. The activity sheet provides lesson ideas and interesting facts on cling peaches.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Peach Power

Bookmarks, table tents, and posters, available for first through eighth grade students, demonstrate various ways cling peaches can help students meet their daily nutritional requirements. "Peach Power," a school foodservice kit, is available to foodservice professionals.

Grades 1-8  
Free

Echo Communications, LLC  
1195 Park Avenue, Suite 212  
Emeryville, CA 94608  
Phone: (510) 654-5400  
Fax: (510) 654-5402  
E-mail: [calclingpeach@echopr.com](mailto:calclingpeach@echopr.com)  
Website: [www.calclingpeach.com](http://www.calclingpeach.com)

## Peanuts

### The Adventures of Buddy McNutty

This educational comic book contains interesting information and facts about peanuts. Includes recipes, facts, and a peanut quiz.

Grades 4-6  
Free

National Peanut Board  
900 Circle 75 Parkway, Suite 1220  
Atlanta, GA 30309  
Phone: (678) 424-5750  
Fax: (678) 424-5751  
E-mail: [peanuts@nationalpeanutboard.org](mailto:peanuts@nationalpeanutboard.org)  
Website: [www.nationalpeanutboard.org](http://www.nationalpeanutboard.org)

### All About Peanuts and Peanut Butter

Lesson plans and activity sheets cover history, nutrition, science, and geography of peanuts.

Grades K-2  
Free; also available online

Virginia-Carolina Peanut Promotions  
Post Office Box 8  
Nashville, NC 27856-0008  
Phone: (252) 459-9977  
Fax: (252) 459-7396  
E-mail: [info@aboutpeanuts.com](mailto:info@aboutpeanuts.com)  
Website: [www.aboutpeanuts.com](http://www.aboutpeanuts.com)

## Pears

Also see *Fruit listings*

### Pear Bureau Northwest

This website has a variety of activities for students and teachers that relate to pears. Free lesson plans available.

Grades K-5  
Free

Pear Bureau Northwest  
4382 SE International Way  
Milwaukie, OR 97222-4635  
Phone: (503) 652-9720  
Fax: (503) 652-9721  
Website: [www.usapears.org](http://www.usapears.org)

## Pears Fact and Activity Sheet

This California-specific fact sheet includes information on pear production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts on pears.

Grades 6-adult

Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Pest Management

*Also see Agriculture-General, Gardening, Sustainable Agriculture and individual pest listings*

### ► Indicates new for 2013-2014

### California Department of Pesticide Regulation

This governmental agency has a variety of handouts and outreach material about pests, pesticides, and how to prevent and manage pests in schools. Examples of publications include “What is a Pesticide?,” “Pest Management Quick Tips for Schools,” and a pest prevention awareness poster with tips on how to prevent pest invasions. The Department’s School Integrated Pest Management (IPM) website features a comprehensive directory of resources promoting IPM practices at schools and three fact sheets about pest prevention.

Grades 7-adult

Limited quantities free; also available online

California Department of Pesticide Regulation  
Post Office Box 4015  
Sacramento, CA 95812-4015  
Phone: (916) 445-4300  
Fax: (916) 324-1452  
E-mail: [school-ipm@cdpr.ca.gov](mailto:school-ipm@cdpr.ca.gov)  
Website: [apps.cdpr.ca.gov/schoolipm](http://apps.cdpr.ca.gov/schoolipm)  
Website: [www.cdpr.ca.gov](http://www.cdpr.ca.gov)

## University of California - Statewide Integrated Pest Management Program Materials

### ► Meet the Beneficials: Natural Enemies of Garden Pests

This poster illustrates the beneficial insects that are found in the garden. [www.ipm.ucdavis.edu/FAQ/natural-enemies-poster.pdf](http://www.ipm.ucdavis.edu/FAQ/natural-enemies-poster.pdf)

Free download

### UC IPM Online

Solve your pest management problems with UC’s best information. Personalize it with interactive tools or find out about pest management research and extension projects.

Grades 7-adult

Free online information

University of California - Statewide Integrated Pest Management Program  
Website: [www.ipm.ucdavis.edu](http://www.ipm.ucdavis.edu)

### What’s Bugging You?

In this comprehensive unit, students create a useful definition for the word “pest,” perform reading and poetry activities on specific agricultural and garden pests, and create an imaginary pest which lives in an imaginary habitat. Aligned to the Content Standards for California Public Schools.

Grades 4-6

Free; also available online

Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Pistachios

### Pistachios Fact and Activity Sheet

This California-specific fact sheet includes information on pistachio production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about pistachios.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Pizza

### ► Indicates new for 2013-2014

#### Pizza Ag Mag

Classroom sets of 30 agriculture magazines are provided in a set that explores all of the ingredients needed to make a pizza.

Grades 4-6  
\$5

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

### ► Pizza Commodity Reader

This four-page color booklet features basic information about pizza. Student readers will learn about ingredient origins, history, production statistics, careers, and a recipe.

Grades 6-12  
Free, available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## Pork

Also see *Livestock listings*

### ► Indicates new for 2013-2014

#### American Farm Bureau Foundation for Agriculture Materials

##### Pigs and Pork in the Story of Agriculture: Educator's Guide

This guide accompanies the book "Pigs and Pork in the Story of Agriculture." Activities help students identify the five sub-concepts of pigs and pork in agriculture: production, processing, distribution, marketing, and consumerism. After using this resource, students should be able to read for understanding, inquire into the science and technology surrounding the pork industry, understand places and regions in the U.S., and interpret social and mathematical problems.

Grades 3-6  
\$3.50 plus s/h

##### Pigs: an A to Z Book—Educator's Guide

This educator guide introduces young readers to animal care and provides basic information on pigs. Includes activities focused on the alphabet, letter and word recognition, and counting. Young readers will learn about where pork comes from, how pigs are cared for by farmers, and how agriculture is part of our lives every day.

Grades PreK-K  
\$3.50 plus s/h

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

#### Illinois Agriculture in the Classroom Materials

##### A Hog Ate My Homework: Activity Book

Designed to complement the book "A Hog Ate My Homework," by Gary Metivier, this resource includes lesson plans and activities intended to be used in the classroom as supplemental learning material. Activities reinforce science, health and nutrition, reading, math, social studies, and writing skills. An answer sheet for each activity is also included.

Grades 3-6  
Free; available online only

**► Pork Ag Mag**

Classroom sets of 30 agriculture magazines that explore pork production. Topics include nutrition, anatomy, the environment, history, and vocabulary.

Grades 4-6  
\$7.50 per set

**► Pork Commodity Reader**

This four-page color booklet features essential information about pork. Student readers will learn about breeds, uses, history, production statistics, and careers.

Grades 6-12  
Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aipc@ilfb.org](mailto:aipc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

**National Pork Board Materials****The Amazing Pig**

This DVD takes viewers on a journey to a modern hog farm. Introducing students to pork production helps them understand how pigs are fed and cared for and the contributions pork products make in our society.

Grades 4-12  
Free; also available online

**Pork Teaching Resources**

Various pork educational resources including: Food Fun Zone, All About Pigs, games, and lessons.

Grades K-12

National Pork Board  
1776 NW 114th Street  
Clive, IA 50325  
Phone: (515) 223-2600  
Fax: (515) 309-6127  
E-mail: [info@pork.org](mailto:info@pork.org)  
Website: [pork4kids.com](http://pork4kids.com)

**A Peek at Pork**

This packet contains "The Amazing Pig" DVD and teacher's guide with lessons about mapping, the food chain, pork products, food processing, and nutrition.

Grades 3-4  
\$3 plus s/h

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenh@nefb.org](mailto:ellenh@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

**Swine Youth Activity Guide Set**

This set includes three swine activity guides and a helper's guide. Each guide introduces students to age-appropriate content, including activities related to breeds, health, nutrition, production, management, and beyond the show ring.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

**Potatoes**

*Also see Vegetables listings*

**Popular Potatoes**

These ready-to-use lesson plans and teacher guide incorporate science, social studies, and math to teach about a popular plant, the potato.

Grades 3-5  
\$2 plus s/h

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenh@nefb.org](mailto:ellenh@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

## Potandon Produce

Potandon is a well-known provider of fresh produce. This company's website has information on the history of potatoes, potato anatomy, and other information about this plant.

Grades 6-adult  
Free online information

Potandon Produce  
Website: [www.potandon.com](http://www.potandon.com)

## Raisins

*Also see Fruit listings*

### California Raisins

This resource introduces students and teachers to the history of California raisins and contains a wealth of information about how raisins are grown, harvested, and processed. Includes recipe suggestions and varietal and nutritional information.

Grades 6-adult  
Free

California Raisin Marketing Board  
2445 Capitol Street, Suite 200  
Fresno, CA 93721  
Phone: (559) 248-0287  
Fax: (559) 224-7016  
E-mail: [info@raisins.org](mailto:info@raisins.org)  
Website: [www.calraisins.org](http://www.calraisins.org)

### A Story About Raisins

A Story About Raisins is a nonfiction tale about how raisins were discovered and how they are grown. This hardcover book includes a CD that has a raisin rap song along with a narration of the story. Also included in the book are fun recipes for children to try. Illustrated by Tawn R. Morrison.

Grades K-4  
\$15.95 plus s/h, quantity discounts available

Karen Adler Books  
Post Office Box 1431  
North Fork, CA 93643  
Phone: (559) 877-2033  
Fax: (559) 877-2033  
E-mail: [publisher@karenadlerbooks.com](mailto:publisher@karenadlerbooks.com)  
Website: [www.karenadlerbooks.com](http://www.karenadlerbooks.com)

## Rice

*Also see Crops and Grains listings*

### Rice and the Water Connection

This educational unit explores the life and history of rice production in California with special emphasis on water use and the industry's environmental stewardship. Lesson topics include the growing process, the economy, rice and wildlife habitat, and a comparison between use of water on the farm and in the home. Unit is aligned to the Content Standards for California Public Schools and contains posters, rice seed for classroom growing activity, blackline masters, and more.

Grades 4-6  
Free

California Farm Water Coalition  
6133 Freeport Boulevard, 2nd Floor  
Sacramento, CA 95822  
Phone: (916) 391-5030  
Fax: (916) 391-5044  
E-mail: [nsilva@farmwater.org](mailto:nsilva@farmwater.org)  
Website: [www.farmwater.org](http://www.farmwater.org)

### Rice Fact and Activity Sheet

This California-specific fact sheet includes information on rice production, history, nutrition, and economic value. The activity sheet provides specific lesson ideas and interesting facts on rice.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

### Rice Information

Learn more about the California rice industry by viewing the California Rice Commission website. Information is available on rice and the environment, how to grow rice, rice facts, rice trivia, rice-growing regions, and recipes.

Grades K-12  
Free

California Rice Commission  
701 University Avenue, Suite 205  
Sacramento, CA 95825  
Phone: (916) 387-2264  
E-mail: [jmorris@calrice.org](mailto:jmorris@calrice.org)  
Website: [www.calrice.org](http://www.calrice.org)

## Science

Also see *Botany, Nutrition and other specific science listings*

### ► Indicates new for 2013-2014

#### **Agricultural Research Service, USDA Materials**

##### **Science in Your Shopping Cart**

Who finally broke the great San Francisco bread mystery? Who helped make frozen orange juice concentrate tasty? This illustrated booklet tells the ongoing story of how scientists contribute to what's in our shopping cart.

Grades 4-adult  
Free; also available online

##### **Whiz Kid Activities**

These activity sheets introduce students to agricultural research topics. The quizzes and activities can be used for student clubs or other programs. Includes a Webquest that challenges students to investigate current trends in agricultural research. [www.ars.usda.gov/is/kids/teachers/WhizKid.Act.htm](http://www.ars.usda.gov/is/kids/teachers/WhizKid.Act.htm)

Grades 3-8  
Free; available online only

Agricultural Research Service, USDA  
5601 Sunnyside Avenue, 1-2232B  
Beltsville, MD 20705-5130  
Phone: (301) 504-1633  
Fax: (301) 504-1641  
E-mail: [dianne.odland@ars.usda.gov](mailto:dianne.odland@ars.usda.gov)  
Website: [www.ars.usda.gov](http://www.ars.usda.gov)

#### **California Science Teachers Association**

This association, which represents science teachers in California at all grade levels, provides an e-newsletter and an annual conference for California educators about ideas, issues, and trends in science education.

Grades K-12  
\$39 annual membership

California Science Teachers Association  
3800 Watt Avenue, #175  
Sacramento, CA 95821  
Phone: (916) 979-7004  
Fax: (916) 979-7023  
E-mail: [csta@cascience.org](mailto:csta@cascience.org)  
Website: [www.cascience.org](http://www.cascience.org)  
Website: [www.classroomscience.org](http://www.classroomscience.org)

#### **The Growing Classroom: Garden-Based Science Activity Guide**

The Growing Classroom is an award-winning resource book containing loads of hands-on, garden-based science and nutrition activities. The book also includes step-by-step instructions for creating and maintaining a garden-based learning program. Topics include teamwork in the garden, environmental awareness, soil, plants, ecology, cycles, weather, nutrition, and food choices. The appendix includes gardening how-to's for adults.

Grades K-12  
\$39.95

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

#### **National Gardening Association Materials**

##### **Linking Food and the Environment (LiFE): Farm to Table & Beyond**

This 430-page module covers our global food system and how the parts of this complex system interact with and influence each other. Includes teacher lesson plans, background information, teaching tips, tools for assessment, student activity sheets and readings, and a matrix mapping the book to National Science Education Standards and Benchmarks for Science Literacy.

Grades 5-6  
\$34.95 plus s/h

##### **Linking Food and the Environment (LiFE): Growing Food**

This inquiry-based curriculum takes students on an exciting adventure—learning science through the study of our food production system. Students learn about the cycling of matter in nature, flow of energy, and food systems while engaging in hands-on investigations of photosynthesis, food webs, agriculture, and more. The manual includes teacher lesson plans, background information, teaching tips, and tools for assessment; student activity sheets and readings; and a matrix mapping the book to National Science Education Standards and Benchmarks for Science Literacy. It was developed by educators at Teachers College, Columbia University. Growing Food is one of the science modules in the Linking Food and the Environment (LiFE) Curriculum Series.

Grades 4-6  
\$34.95

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

## National Science Teachers Association Press

### ► NSTA Learning Center

The Learning Center is NSTA's e-professional development portal to help you address your science classroom needs and busy schedule. You can gain access to more than 4,000 different resources that cater to your preference for learning. Over 1,200 resources, such as journal articles, science objects and web seminars are available for free. [learningcenter.nsta.org](http://learningcenter.nsta.org)

Grades K-12  
Varies

### Outdoor Science: A Practical Guide

This 140-page guide provides practical suggestions for creating, maintaining, and using outdoor classrooms for both elementary and middle school students. Simple and inexpensive lessons satisfy national standards in the areas of life science, Earth science, and environmental science.

Grades K-8  
\$24.95 plus s/h

National Science Teachers Association Press  
Post Office Box 90214  
Washington, DC 20090  
Fax: (888) 433-0526  
Website: [www.nsta.org](http://www.nsta.org)

### Science Fair and Lesson Ideas

This resource is divided into three sections. The first provides stimulating questions that teachers can use when teaching a specific scientific topic. The second provides science fair ideas, in the form of questions, that relate to agriculture. The third lists websites that educators and students may find useful when preparing a science lesson or a science fair project.

Grades 3-12  
Free; also available online  
Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Veterinary Science Youth Activity Guide Set

This series will lead youth through an exploration of the exciting world of veterinary science. Students will practice science skills and discover vet science-related careers. Includes three vet science activity guides and a helper's guide.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### ► [www.cast-science.org](http://www.cast-science.org)

CAST assembles, interprets, and communicates credible, science-based information regionally, nationally, and internationally to legislators, regulators, policymakers, the media, the private sector, and the public. Their website features a searchable database of relevant agricultural reports.

Grades 6-Adult  
Free, available online only

Council for Agriculture Science and Technology  
4420 W. Lincoln Way  
Ames, IA 50014  
Phone: (515) 292-2125  
Fax: (515) 292-4512  
E-mail: [jbonner@cast-science.org](mailto:jbonner@cast-science.org)  
Website: [www.cast-science.org](http://www.cast-science.org)

## Sheep

*Also see Livestock and Wool listings*

### ► Indicates new for 2013-2014

### American Sheep Industry Association

Educational materials concerning the sheep, lamb, and wool industry.

Grades K-adult  
Prices vary

American Sheep Industry Association  
9785 Maroon Circle, Suite 360  
Englewood, CO 80112  
Phone: (303) 771-3500  
Fax: (303) 771-8200  
E-mail: [info@sheepusa.org](mailto:info@sheepusa.org)  
Website: [www.sheepusa.org](http://www.sheepusa.org)



## Sheep Youth Activity Guide Set

This set includes three sheep activity guides and a helper's guide. Youth and volunteers will enjoy these experimentally-based project materials as they explore age-appropriate content, including activities related to breeds, health, nutrition, production, management, and beyond the show ring.

Grades 3-5, 6-8, 9-12  
\$15.40 plus s/h

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

## ► Wool & Sheep Activity Book

This 32 page book provides information and lessons on the wool and sheep industry in the United States.

Grades 3-5  
\$3.00 each

Colorado Foundation for Agriculture  
Post Office Box 10  
Livermore, CO 80536  
Phone: (970) 881-2902  
Fax: (925) 885-2902  
Website: [www.growingyourfuture.com](http://www.growingyourfuture.com)

## Soil

*Also see Environment, Gardening and Water listings*

### ► Indicates new for 2013-2014

#### Careers in Agronomy: Growing Your Future

Agronomy is the study of soil and plant science from soil management to crop production; it incorporates the wise use of natural resources and conservation practices. This brochure defines what an agronomist is, how to become one, and provides information on other related career opportunities.

Grades 7-12  
Free; also available online

Soil Science Society of America  
677 South Segoe Road  
Madison, WI 53711  
Phone: (608) 268-4949  
Fax: (608) 273-2021  
E-mail: [lmalison@soils.org](mailto:lmalison@soils.org)  
Website: [www.soils.org](http://www.soils.org)

## ► The Dirt on Soil

Series of videos, worksheets, and hands-on activities created to teach students about soil basics in a fun and interactive manner. The Dirt on Soil videos use youth hosts, all pursuing careers related to the soil including agriculture, ranching and land development.

Grade 7  
Free Online

Agrium  
13131 Lake Fraser Drive SE  
Calgary, Alberta Canada,  
Toll free: (877) 247-4861  
E-mail: [sustainability@agrium.com](mailto:sustainability@agrium.com)  
Website: [www.growingthenextgeneration.com](http://www.growingthenextgeneration.com)

## Exploring Science: Earth Science Series

This set of nine books has clear text that explains the scientific topics of minerals, soil, natural resources, erosion, plate tectonics, rocks and the greenhouse effect, while discussing the social and historical significance of each. Using the most up-to-date research, these books show scientists at work in their fields and answer the questions posed by every curious science student. ISBN 978-0-7565-2213-1

Grades 5-7  
\$21.49 plus s/h per book, \$193.41 per set  
Books may be purchased separately

Compass Point Books  
151 Good Counsel Drive  
Post Office Box 669  
Mankato, MN 56002-0669  
Phone: (877) 371-1536  
Toll free: (877) 371-1536  
Fax: (877) 371-1539  
E-mail: [custserv@compasspointbooks.com](mailto:custserv@compasspointbooks.com)  
Website: [www.compasspointbooks.com](http://www.compasspointbooks.com)

## ► Life and Death with Decomposers

This unit, part of the California Education and the Environment Initiative (EEI), introduces students to decomposers and their important role within all ecosystems. Several lessons focus on creating compost and using compost in producing food and fiber.

Grade 4  
Free; available online only

Office of Education and the Environment  
1001 I Street  
Sacramento, CA 95812  
Phone: (916) 341-6769  
Website: [www.calepa.ca.gov/education/EEI](http://www.calepa.ca.gov/education/EEI)

## Soil and Water Conservation Society Materials

### Cartoon Booklets

Learn about water resources, ecosystem management, land use, plants, grazing lands, wetlands, and wildlife through various cartoon booklets. Teacher's guides and a Spanish version of the water cartoon booklet are available.

Grades 3-8  
\$12/set; free online catalog

### Soil Biology Primer

The Soil Biology Primer introduces the living component of soil and how it contributes to agricultural productivity and to air and water quality. The primer includes information on the soil food web and how the web relates to soil health. Chapter topics include bacteria, fungi, protozoa, nematodes, arthropods, and earthworms.

Grades 8-adult  
\$18 plus s/h

Soil and Water Conservation Society  
945 SW Ankeny Road  
Ankeny, IA 50023  
Phone: (515) 289-2331 ext. 126  
Toll free: (800) THE-SOIL  
Fax: (515) 289-1227  
E-mail: [pubs@swcs.org](mailto:pubs@swcs.org)  
Website: [www.swcs.org](http://www.swcs.org)

### Soil Stories—Second Grade Science Exploration

This grouping of six lesson plans, taken from the Life Lab Science Curriculum, focuses on soil studies and meets the second grade California Content Standards for California Public Schools in science. Packet includes recommended literature, a master materials list, and a blackline science journal.

Grade 2  
Free; available online

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

## Soybeans

*Also see Beans listings*

### ► Indicates new for 2013-2014

### American Farm Bureau Foundation for Agriculture Materials

#### Soybean Ag Mag

Classroom sets of 30 ag magazines are provided in a set that explores soybeans. Topics include nutrition, economics, geography, math, and science.

Grades 4-6  
\$5 plus s/h

#### Soybeans in the Story of Agriculture: Educator's Guide

This educator's guide of lessons and activities is designed to use with the book, "Soybeans in the Story of Agriculture" to teach reading, science, and social science. The book and activities show the process of growing soybeans to the making of products.

Grades 3-6  
\$3.50 plus s/h

#### Soybeans: an A to Z Book—Educator's Guide

This guide is used to accompany the book "Soybeans: an A to Z Book." Activities are designed to teach students about soybean plant parts, germination, and what plants need to grow.

Grades PreK-K  
\$3.50 plus s/h

American Farm Bureau Foundation for Agriculture  
600 Maryland Avenue SW, Suite 1000W  
Washington, DC 20024  
Phone: (202) 406-3700  
Toll free: (800) 443-8456  
Fax: (202) 314-5121  
E-mail: [foundation@fb.org](mailto:foundation@fb.org)  
Website: [www.agfoundation.org](http://www.agfoundation.org)  
Website: [www.myamericanfarm.org](http://www.myamericanfarm.org)

### Illinois Agriculture in the Classroom Materials

#### ► Soybeans Commodity Reader

This four-page color booklet features essential information about soybeans. Student readers will learn about soybean uses, history, consumption and production statistics, and careers. Includes a lesson on soybean germination.

Grades 6-12  
Free; available online only

### Super Soybeans Lesson Booklet

The soybean has many important roles in our lives, from the food we eat to the products we use to clean. This lesson booklet explores the many uses of soybeans and can be used to teach skills in science, social studies, and math. Lessons complement the book, "The Super Soybean," by Raymond Bial.

Grades 4-6  
Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aite@ilfb.org](mailto:aite@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

### Just the Beginning: The Life of a Young Sprout

"Max," the soybean sprout, guides students through history, fun facts, and activities in this 12-page booklet.

Grades 4-6  
Free plus s/h

Maryland Soybean Board  
Attn: Bud Loscomb  
Post Office Box 2649  
Easton, MD 21601  
Phone: (410) 822-8470  
Fax: (410) 822-8731  
E-mail: [info@maxthesprout.com](mailto:info@maxthesprout.com)  
Website: [maxthesprout.com](http://maxthesprout.com)

### Soybean Crayons

Made from soybean oil, these crayons are smooth and work well for color-blending projects. Can be used as part of an agricultural by-product activity. The Prang website describes the history and characteristics of these crayons.

Grades K-12  
Prices vary

Sales Department  
Dixon Ticonderoga Company  
195 International Parkway  
Heathrow, FL 32746  
Toll free: (800) 824-9430  
Fax: (800) 232-9396  
Website: [www.prang.com](http://www.prang.com)

### Soybean Science Kit

This kit introduces youth to science in an applied, enjoyable way, highlighting the principles of biology and renewable resources. It demonstrates the concept that agriculture is the business of generating raw materials for consumption, using soybeans as an example. Soybean oils and polymers will be the focus. This complete kit includes a complete curriculum guide, teacher training video, interactive CD-ROM, and supplies needed for a class of 30 students.

Grades 4-9  
\$415 includes s/h

Pick 'N Pack  
153 West 500 North  
Sharpsville, IN 46068-9013  
Phone: (765) 963-5979  
Fax: (765) 963-5977  
E-mail: [info@soybeansciencekit.com](mailto:info@soybeansciencekit.com)  
Website: [www.soybeansciencekit.com](http://www.soybeansciencekit.com)

### Teach Me About Soybeans

This resource packet contains a literature book, "Why the Brown Bean Was Blue," teacher's guide, reproducible student activities, and soybean seeds.

Grades K-4  
\$8 plus s/h

Nebraska Foundation for Agricultural Awareness  
5225 South 16th Street  
Lincoln, NE 68512  
Phone: (402) 421-4408  
E-mail: [ellenh@nefb.org](mailto:ellenh@nefb.org)  
Website: [www.agclassroom.org/ne](http://www.agclassroom.org/ne)

### Bean Team Soy Educational DVD Series

This series of DVDs and lesson plans are designed to educate students about soybeans using cross-curricular topics such as civics, English, health, math, and science. Each kit includes a DVD containing five episodes of the "Bean Team" and a CD of all educational worksheets. [www.getsoybeansmart.com/product/max-the-sprout-placemat](http://www.getsoybeansmart.com/product/max-the-sprout-placemat)

Grades 2-4  
Free

United Soybean Board  
16640 Chesterfield Grove Road, Suite 130  
Chesterfield, MO 63005  
E-mail: [info@unitedsoybeanboard.org](mailto:info@unitedsoybeanboard.org)  
Website: [www.unitedsoybean.org](http://www.unitedsoybean.org)

## Statistics

Also see *Agriculture-General, Economics and Mathematics listings*

### California Agriculture

A highlights brochure includes California agriculture statistics, including information on acreage, ranking of counties by agriculture value, and ranking of commodities.

Grades 4-12

Free; also available online

California Department of Food and Agriculture  
Communication Office - External Affairs  
1220 N Street, Room 427  
Sacramento, CA 95814  
Phone: (916) 654-0462  
Fax: (916) 657-4240  
E-mail: [cdfapublicaffairs@cdfa.ca.gov](mailto:cdfapublicaffairs@cdfa.ca.gov)  
Website: [www.cdfa.ca.gov](http://www.cdfa.ca.gov)

### That Was Then, This Is Now

Students learn about food prices and how they have changed over time by performing mathematical computations, analyzing data charts, and comparing and contrasting statistical information.

Grades 3-6

Free; also available online

Free lesson plan CD available, while supplies last

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Farmland Information Center

This website—a partnership between the USDA Natural Resources Conservation Service and American Farmland Trust—is a clearinghouse for information about farmland protection and stewardship. Discover a variety of statistics on the nation's farmlands.

Grades 7-adult

Free; available online only

Farmland Information Center  
Website: [www.farmlandinfo.org](http://www.farmlandinfo.org)

## NASS Education and Outreach

Census of Agriculture lesson plans help increase student awareness of statistics and agriculture. Developed by USDA's National Agricultural Statistics Service and the National FFA Organization, this series of K-12 online learning tools and outreach kits are available to increase statistical literacy through the exploration and use of data from the Census of Agriculture.

Grades K-12

Free; also available online

USDA National Agricultural Statistics Service  
1400 Independence Avenue SW, Room 5030  
Washington, DC 20250  
Toll free: (800) 727-9540  
Fax: (202) 690-2090  
E-mail: [nass@nass.usda.gov](mailto:nass@nass.usda.gov)  
Website: [www.nass.usda.gov](http://www.nass.usda.gov)

## Strawberries

Also see *Berries and Fruit listings*

### ► Indicates new for 2013-2014

### Activity Book and Strawberry Lesson Plans

A fun-filled, 16-page activity book and strawberry lesson plans that meet math curriculum requirements. Supplementary videos can be viewed online at [www.youtube.com/castrawberries](http://www.youtube.com/castrawberries).

Grades K-3, 4-6

Free

California Strawberry Commission  
Post Office Box 269  
Watsonville, CA 95077-0269  
Phone: (831) 724-1301  
Fax: (831) 724-5973  
E-mail: [jreinman@calstrawberry.com](mailto:jreinman@calstrawberry.com)  
Website: [www.californiastrawberries.com](http://www.californiastrawberries.com)

### ► Red Blossom's TraceBack Technology

This four-minute video introduces technology that helps growers follow their product from farm to fork. Watch the video at <http://rbtrace.com/traceback-video.htm>.

Grades 6-12

Free

Red Blossom Farms  
820 Park Row, #655  
Salinas, CA 93901  
Phone: (866) 325-1600  
Fax: (805) 688-6716  
E-mail: [info@redblossom.com](mailto:info@redblossom.com)  
Website: [www.redblossom.com](http://www.redblossom.com)

## Strawberries Fact and Activity Sheet

This California-specific fact sheet includes information on strawberry production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts on strawberries.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Sugar

### Sugar, Nutrition and Physical Activity Materials

Publications available on the role of sugar in a healthful diet and lifestyle.

Grades K-12  
Nominal fee  
Order form online

The Sugar Association, Inc.  
1300 L Street NW, Suite 1001  
Washington, DC 20005  
Phone: (202) 785-1122 ext.180  
Fax: (202) 785-5019  
Website: [www.sugar.org](http://www.sugar.org)

## Sunflowers

### Jack Sprout, Inc. Materials

#### Germination Lesson

Jack Sprout's Lid Poppin' Planting Kit includes a lid poppin' tray, soil, 300 organic sunflower seeds, growth chart, map, and instructions.

Grades 1-3  
\$6.95 includes shipping

## The Life and Adventures of Jack Sprout

This chapter book introduces Jack Sprout, Fred Beaver, and Sawdust Miller. Jack Sprout learns about Beaver Creek Meadow from his neighbors as he collects the materials he needs to build his new farm. Guide materials also available online.

Grades 1-4  
\$9.95 includes shipping

Jack Sprout, Inc.  
Post Office Box 2103  
Kamuela, HI 96743  
Phone: (808) 286-6600  
E-mail: [jack@jacksprout.com](mailto:jack@jacksprout.com)  
Website: [www.jacksprout.com](http://www.jacksprout.com)

## The Story of the Sunflower

This eight-page activity booklet contains planting, growing, and nutritional information about sunflowers.

Grades K-4  
Free download  
Limited printed quantities available

National Sunflower Association  
2401 46th Avenue SE, Suite 206  
Mandan, ND 58554  
Phone: (701) 328-5100  
Fax: (701) 663-8652  
E-mail: [info@sunflowerlsa.com](mailto:info@sunflowerlsa.com)  
Website: [www.sunflowerlsa.com](http://www.sunflowerlsa.com)

## Sustainable Agriculture

*Also see Agriculture-General, Gardening and Organic Foods listings*

### In the Garden with Dr. Carver

This picture book, written by Susan Grigsby and illustrated by Nicole Tadge, is about Sally, a young girl living in rural Alabama in the early 1900s, a time when people were struggling to grow food in soil that had been depleted by years of cotton production. One day, Dr. George Washington Carver shows up to help the grown-ups with their farms and the children with their school garden.

Grades 2-4  
\$16.99

Albert Whitman & Company  
250 South Northwest Highway, Suite 320  
Park Ridge, IL 60068  
Toll free: (800) 255-7675  
Fax: (847) 232-2800  
E-mail: [mail@albertwhitman.com](mailto:mail@albertwhitman.com)  
Website: [www.albertwhitman.com](http://www.albertwhitman.com)

### Alternative Farming Systems Information Center

This portion of the National Agricultural Library provides resources and references pertaining to sustainable agriculture and alternative farming practices.

Grades 7-adult  
Free online information

Alternative Farming Systems Information Center - National  
Agriculture Library  
Agricultural Research Service - USDA  
10301 Baltimore Avenue, Room #132  
Beltsville, MD 20705  
Phone: (301) 504-6559  
Fax: (301) 504-6927  
Website: [www.nal.usda.gov/afsic](http://www.nal.usda.gov/afsic)

### Community Alliance with Family Farmers

This member-activist organization fosters family agriculture that cares for the land and sustains local economies and justice.

Grades 4-adult  
Free online information

Community Alliance with Family Farmers  
Post Office Box 363  
Davis, CA 95617  
Phone: (530) 756-8518  
Fax: (530) 756-7857  
Website: [www.caff.org](http://www.caff.org)

### Farm to School Website

Educators can use this website to learn how schools are connecting with local farms and providing fresh, local produce at the school site. A variety of related resources and links are also available.

Grades K-12  
Free; available online only

Farm to School  
Website: [www.farmentoschool.org](http://www.farmentoschool.org)

### Food Routes

On the Food Route website, students can find farms that provide locally-grown food to consumers. Buying local can help reduce transportation costs and emissions, and help sustain the local small farmer.

Grades 9-adult  
Free; available online only

Food Routes  
Website: [www.foodroutes.org](http://www.foodroutes.org)

### Heifer International

This organization's mission is to stop world hunger by caring for the earth. There are a variety of educational resources including lesson plans, books, and videos available for all ages. The Read and Feed program is one of many which promote literacy and sustainable communities. View the website for the variety of programs available.

Grades K-adult  
Free online information

Heifer International  
1 World Avenue  
Little Rock, AR 72202  
Toll free: (800) 422-0474  
Website: [www.heifer.org](http://www.heifer.org)

### National Sustainable Agriculture Information Service

This website provides a listing of numerous resources that support sustainable agriculture in specific areas of agriculture. General and technical information is available through this website. A great place to start when doing a middle or high school research project.

Grades 7-adult  
Free online information

ATTRA—National Sustainable Agriculture Information  
Service  
Post Office Box 3657  
Fayetteville, AR 72702  
Phone: (800) 346-9140  
Website: [www.attra.ncat.org](http://www.attra.ncat.org)

### Nourishing the Planet in the 21st Century

This free curriculum was created by the respected science curriculum developer, Biological Science Curriculum Study, and underwritten by the Nutrients for Life Foundation. It provides hands-on classroom application to help tomorrow's generation realize that the challenge of feeding our growing population can be solved with science. Each lesson in the six lessons series addresses key objectives from the National Science Education Standards. Supplemental materials, like posters and flashcards, are also available for free to complement your soil science lesson.

Grades 3-4, 6-9, 10-12  
Free

Nutrients for Life Foundation  
Capitol View  
425 Third Street SW, Suite 950  
Washington, DC 20024  
Phone: (800) 962-9065  
Fax: (202) 962-0577  
E-mail: [info@nutrientsforlife.org](mailto:info@nutrientsforlife.org)  
Website: [www.nutrientsforlife.org](http://www.nutrientsforlife.org)

## Sustainable Agriculture Publications Materials

### Diversifying Cropping Systems

This bulletin describes some of the many agronomic crop alternatives with examples of on-farm successes.

Grades 9-adult  
Free; also available online

### Exploring Sustainability in Agriculture

This brochure defines sustainable agriculture by providing snapshots of different producers who apply sustainable principles on their farms and ranches. This 16-page pamphlet includes a colorful annotated illustration of practices used on a model sustainable farm and a list of hints to help consumers make ecologically-friendly choices when they buy food.

Grades 9-adult  
Free; also available online

### How to Conduct Research on Your Farm or Ranch

This 12-page bulletin outlines how to conduct research at the farm level, offering practical tips for both crop and livestock producers, as well as a comprehensive list of more in-depth resources. Real-life examples may stimulate research ideas. Co-written by a team of research scientists.

Grades 9-adult  
Free; also available online

### Marketing Strategies for Farmers and Ranchers

This 20-page bulletin offers snapshots of the many alternatives to marketing commodities through conventional channels. It spotlights innovative, SARE-funded research into a range of marketing options including farmers markets, CSA, tourism, direct-marketing meat, season extension, value-added, sales to restaurants, public campaigns, Internet and more.

Grades 9-adult  
Free; also available online

### The New American Farmer: Profiles of Agriculture Innovation

A collection of in-depth interviews with American farmers and ranchers describes sustainable farm operations of modern times. Also available as a CD-ROM and on the Sustainable Agriculture Research and Education Web site.

Grades 9-adult  
Paperback, \$16.95  
Free online version

### Profitable Pork: Alternative Strategies for Hog Producers

The 16-page bulletin features profiles about successful hog producers as well as the latest research in alternative hog systems.

Grades 9-adult  
Free; also available online

### Profitable Poultry: Raising Birds on Pasture

Features farmer experiences plus the latest research in a guide to raising chickens and turkeys using pens, movable fencing, and pastures.

Grades 9-12  
Free; also available online

### Rangeland Management Strategies

Researchers and ranchers share goals and successes in winter and multi-species grazing, managing forage and other vegetation, and protecting riparian areas.

Grades 9-12  
Free; also available online

### Transitioning to Organic Production

This bulletin lays out many promising conversion strategies, covering typical organic farming production practices, innovative marketing ideas, and federal standards for certified organic crop production.

Grades 9-12  
Free; also available online

### A Whole-Farm Approach to Managing Pests

This 20-page bulletin helps producers and the educators who work with them to design farm-wide approaches to control pests. It lays out basic ecological principles for managing pests and suggests how to apply those principles to real farm situations. Includes cutting-edge research examples and anecdotes from farmers using such strategies in their fields. Co-written by a team of research scientists.

Grades 9-12  
Free; also available online

Sustainable Agriculture Publications  
Post Office Box 753  
Waldorf, MD 20604-0753  
Phone: (301) 374-9696  
Fax: (301) 843-0159  
E-mail: [sanpubs@sare.org](mailto:sanpubs@sare.org)  
Website: [www.sare.org/webstore](http://www.sare.org/webstore)

## USDA-SARE Materials

### Sustainable Agriculture Resources and Programs for K-12 Youth

This 16-page, downloadable guide to sustainable agriculture-oriented educational opportunities for school children features more than 50 programs and curricula nationwide. It ranges from “Growing Minds,” a program linking the garden and agriculture in Appalachia, to “French Fries and the Food System,” a year-round curriculum focusing on ways youth can better understand land and local food systems. Includes direct links, program contact information, and ideas for integrating lessons into school programs.

Grades K-12  
Free online

### United States Department of Agriculture: Sustainable Agriculture Research and Education

This division of the USDA has a variety of information for those interested in sustainable agriculture. To sign up for the mailing list or e-mail list, contact the organization.

Grades 7-adult  
Free online information

USDA - SARE  
10300 Baltimore Avenue  
BARC West, Building 046  
Beltsville, MD 20705  
Phone: (301) 504-5230  
Fax: (301) 504-5207  
E-mail: [intern@sare.org](mailto:intern@sare.org)  
Website: [www.sare.org](http://www.sare.org)

## Tomatoes

### Processing Tomatoes Fact and Activity Sheet

This California-specific fact sheet includes information on processing tomato production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about processing tomatoes.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@Learn.About.Ag.org](mailto:info@Learn.About.Ag.org)  
Website: [www.Learn.About.Ag.org](http://www.Learn.About.Ag.org)

## Trees

*Also see Environment, Forestry and Forest Resources and individual commodity listings*

### Real Trees 4 Kids!

Instructional materials and tree farm locations are available to educators and the public. The curriculum now includes a recently added section for grades K-2, featuring lessons based on popular books about farm-grown trees. In the elementary level, students learn about the life cycle of conifer trees, types of trees grown on farms, and how trees are recycled. In the middle school level, students learn more about life cycles and scientific names, join conifers for dinner at home, and hear first-hand about a year in the life of a tree grower. In the secondary level, students dig deep into the soil, learn how tree growers keep their crops healthy, discover the principles of supply and demand, and get an inside look at conifers.

Grades K-12  
Free online curriculum

National Christmas Tree Association  
16020 Swingley Ridge Road, Suite 300  
Chesterfield, MO 63017  
Phone: (636) 449-5070  
Fax: (636) 449-5051  
E-mail: [info@realchristmastrees.org](mailto:info@realchristmastrees.org)  
Website: [www.realtrees4kids.org](http://www.realtrees4kids.org)  
Website: [www.christmastree.org](http://www.christmastree.org)

### Seed to Seedling

This program guides students and teachers to explore nature in an experiential way and can be adapted for grades K-6. Accompanying curriculum includes 10 lessons that focus on the natural and cultural history of California's native oaks. Teachers who register to participate at the beginning of the school year will be offered acorns and planting materials on a first-come, first-served basis. Materials will be available for pickup in January and must be returned to the Sacramento Tree Foundation in May.

Grades K-6  
Free; available online only

Sacramento Tree Foundation  
191 Lathrop Way, Suite D Sacramento, CA 95815  
Phone: (916) 924-TREE (8733)  
Fax: (916) 924-3803  
E-mail: [seedtoseedling@sactree.com](mailto:seedtoseedling@sactree.com)  
Website: [www.sactree.com](http://www.sactree.com)



## What Tree Is That?

This key, full of diagrams and descriptions, allows one to identify trees that grow in the Western United States.

Grades 5-adult  
\$5

Arbor Day Foundation  
100 Arbor Avenue  
Nebraska City, NE 68410  
Toll free: (888) 448-7337  
E-mail: [education@arborday.org](mailto:education@arborday.org)  
Website: [www.arborday.org](http://www.arborday.org)

## Turkeys

### Presidential Turkey Activity Guide

This four-page guide introduces students to the history of our nation's Presidential Turkey tradition and engages them with activities about the popular poultry. English-language arts, history-social science, math, science, and health education are incorporated. Aligned to the Content Standards for California Public Schools.

Grades 4-6  
Free; available online only

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### Turkey Production

This 15-minute video (VHS or DVD) shows how turkeys grow in the egg, hatch, and are raised.

Grades 9-12  
Free

Iowa Turkey Federation  
Post Office Box 825  
Ames, IA 50010  
Phone: (515) 232-7492  
Fax: (515) 232-2825  
E-mail: [info@iowaturkey.org](mailto:info@iowaturkey.org)  
Website: [www.iowaturkey.com](http://www.iowaturkey.com)

## Vegetables

Also see *Agriculture-General, Nutrition and individual commodity listings*

► **Indicates new for 2013-2014**

### ► Food Fun: From Apples to Zucchini

An interactive website to help students learn about fruits, vegetables, and healthy eating habits.  
<http://urbanext.illinois.edu/foodfun>

Grades 3-5  
Free

University of Illinois Extension  
Office of Urban Programs  
549 Bevier Hall, 905 South Goodwin Avenue  
Urbana, IL 61801  
Phone: (217) 244-2849  
Fax: (217) 244-0191  
E-mail: [jscherer@uiuc.edu](mailto:jscherer@uiuc.edu)  
Website: [www.urbanext.uiuc.edu/schools](http://www.urbanext.uiuc.edu/schools)

### Fresh King, Inc.

This website has information on a variety of fruits and vegetables, including avocados, passion fruit, limes, carambola, papaya, sugar snap peas, snow peas, and French beans. The information is written in a format youth can understand.

Grades 4-adult  
Free online information

Fresh King, Inc.  
Website: [freshking.com](http://freshking.com)

### Harvest of the Month

Harvest of the Month features ready-to-use resources that can be widely applied within the school environment. Based on the U.S. Dietary Guidelines for Americans, this program provides educators with materials to give students hands-on opportunities to explore, taste, and learn about the importance of eating fruits and vegetables and being active every day. An online training guides and supports users on how to effectively use program materials and resources. Includes a short DVD providing a visual experience of Harvest of the Month in action. Within this site, the Educators' Corner provides teachers with additional activities, lesson ideas, recipes, student assessments, and a wealth of resources to help implement a successful program.

Grades PreK-12  
Free download

California Nutrition Network  
Katharina Streng,  
Phone: (916) 552-9843  
E-mail: [katharina.streng@cdph.ca.gov](mailto:katharina.streng@cdph.ca.gov)  
Website: [www.harvestofthemonth.com](http://www.harvestofthemonth.com)

## Leafy Greens Council

This website explains the value of eating cruciferous vegetables and includes lesson plans and background information to incorporate this idea into classroom curricula.

Grades K-adult  
Free online information

Leafy Greens Council  
Website: [www.leafy-greens.org](http://www.leafy-greens.org)

## Spinach Fact Sheet

This California-specific fact sheet includes information about spinach production, history, and economic value. Also includes activity sheet and lesson ideas.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Walnuts

### California Walnut Board Materials

#### Cal Walnut's Crossword Fun

Kids can have fun learning about walnut history, growing, harvesting, and nutrition by completing this crossword puzzle.

Grades 3-12  
Free; available online only

#### Cal Walnut's Wacky Word Search

This word search provides a fun way for kids of all ages to learn facts and trivia about California walnuts.

Grades 3-12  
Free; available online only

#### Crack the Code with Cal Walnut Activity Sheet

This activity sheet asks students to unscramble words and then solve a hidden message puzzle to reveal a secret message.

Grades 4-8  
Free; available online only

## Walnut Information

The California Walnut Board's website has an overview of the industry.

Grades K-12  
Free; available online only

California Walnut Board  
101 Parkshore Drive, Suite 250  
Folsom, CA 95630  
Phone: (916) 932-7070  
E-mail: [info@walnuts.org](mailto:info@walnuts.org)  
Website: [www.walnuts.org](http://www.walnuts.org)

## Walnuts Fact and Activity Sheet

This California-specific fact sheet includes information on walnut production, history, nutrition, and economic value. The activity sheet provides lesson ideas and interesting facts about walnuts.

Grades 6-adult  
Free, also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Water

*Also see Environment and Soil listings*

### ► Indicates new for 2013-2014

#### Agricultural Water Fact and Activity Sheet

This two-sided document provides information on water sources, the history of water development, and the forms of irrigation. The activity sheet provides lesson ideas and a historical timeline of California water development.

Grades 6-adult  
Free; also available online

California Foundation for Agriculture in the Classroom  
2300 River Plaza Drive  
Sacramento, CA 95833-3293  
Phone: (916) 561-5625  
Toll free: (800) 700-AITC  
Fax: (916) 561-5697  
E-mail: [info@LearnAboutAg.org](mailto:info@LearnAboutAg.org)  
Website: [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

### ► **Agua Pura: Exploring Salmon and Steelhead in California Communities**

This 4-H Youth Development unit is designed to enhance participants' understanding of salmon and steelhead and the critical relationship these fish have to healthy watersheds. Through a variety of "hands-on" and "heads-on" learning activities, students are encouraged to explore their surroundings and the connections between salmon and steelhead and the people in their community. [anrcatalog.ucdavis.edu/Items/8422.aspx](http://anrcatalog.ucdavis.edu/Items/8422.aspx)

Grades 4-6  
Free; available online only

University of California  
ANR Communication Services Publications  
1301 South 46th Street, Building 478  
Richmond, CA 94804  
Toll free: (800) 994-8849  
Fax: (510) 665-2161  
E-mail: [anrcatalog@ucdavis.edu](mailto:anrcatalog@ucdavis.edu)  
Website: [anrcatalog.ucdavis.edu](http://anrcatalog.ucdavis.edu)

### **Water Precious Water**

This 272-page resource helps students develop a strong understanding of this vital resource by exploring properties of water, the water cycle, soil and erosion, water use and conservation, and water treatment and quality. Includes 31 activities and a CD with printable student pages. An electronic version is also available.

Grades 4-6  
Print version, \$24.95 plus s/h and tax; request item #1301  
Electronic version, \$22.95; request item #DB1301

AIMS Education Foundation  
1595 S. Chestnut Avenue  
Fresno, CA 93702-4706  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

### **California Farm Water Coalition Materials**

#### ► **The Colorado River**

The Colorado River is a major source of water for farmers and residents in the Imperial and Coachella valleys, as well as coastal Southern California. The 24" x 36" color poster provides a glimpse at how efficiently this water is used. The poster features a map of Southern California with full-color pictures and information boxes.

Grades 3-adult  
Free

#### **Farm Water for Kids Activity Book and Stickers**

This eight-page activity book, featuring the Farm Water 'Toons, contains fun facts about irrigated agriculture plus a word search, math problems, and more. A set of six colorful stickers accompanies the book.

Grades 2-4  
Free

#### **Farm Water Works**

This 14-minute DVD features balanced information about irrigated agriculture in California and provides information on the historical development of agricultural water supplies in the state.

Grades 4-adult  
\$10

#### **The Sacramento Valley**

Sacramento Valley farmers have formed a partnership with their local environment in the way they manage irrigation water. The 24" x 36" color poster provides a glimpse at this working partnership as well as a look at new technology that allows farmers to most efficiently use water. The poster features a map of the Sacramento Valley with full-color pictures and information boxes.

Grades 3-adult  
Free

#### **The San Joaquin Valley**

Discover the rivers, canals, and aqueducts that deliver the water that enables valley farmers to grow the food and fiber products demanded by a consuming public. The 24" x 36" color poster features color photos that provide an educational view to the various irrigation systems used to grow the valley's \$15 billion worth of agricultural products.

Grades 4-adult  
Free

#### ► **State Water Supply**

Water is truly the lifeblood for California agriculture and the rest of our economy. Water storage, irrigation efficiencies and other facilities provide this valuable resource. The 24" x 36" color poster provides a look at these important infrastructure projects. The poster features a map of California with full-color pictures and information boxes.

Grades 3-adult  
Free

#### **Water Fact Book: California Agriculture and its Uses of Water**

A reference tool for educators interested in agricultural water use. It provides a factual basis for agriculture's views on water use by combining statistics with information on industry programs and practices.

Reference book  
Free

**Water Facts**

Fact sheet about the different ways California farmers conserve water.

Grades 6-adult  
Free

California Farm Water Coalition  
6133 Freeport Boulevard, 2nd Floor  
Sacramento, CA 95822  
Phone: (916) 391-5030  
Fax: (916) 391-5044  
E-mail: [nsilva@farmwater.org](mailto:nsilva@farmwater.org)  
Website: [www.farmwater.org](http://www.farmwater.org)

**► Understanding Water Activity Book**

This 72-page book covers salt water, fresh water, states of water, density, water cycle, watersheds, water supply, water treatment, water pollution, conservation, waste water and much more.

Grades 3-5  
\$5 each

Colorado Foundation for Agriculture  
Post Office Box 10  
Livermore, CO 80536  
Phone: (970) 881-2902  
Fax: (925) 885-2902  
Website: [www.growingyourfuture.com](http://www.growingyourfuture.com)

**► Exploring Water**

This science unit addresses elements of the water cycle. Lesson plans are grade specific. Students explore water concepts in inquiry-based activities in and out of the school garden.

Grades K-2, 3-5, 6-8, 9-12  
Free download

National Gardening Association  
1100 Dorset Street  
South Burlington, VT 05403  
Phone: (802) 863-5251  
Fax: (802) 864-6889  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

**Office of Education and the Environment Materials****► Liquid Gold: California's Water**

This unit, part of the California Education and the Environment Initiative (EEI), introduces students to water use issues. Students learn how water is moved throughout the state's major water projects and investigate water allocations.

Grades 9-12  
Free; available online only

**► Struggles with Water**

This unit, part of the California Education and the Environment Initiative (EEI), introduces students to the significant role water has played in the development of our nation. Students also learn how the availability of water shaped the development of California agricultural enterprises.

Grade 8  
Free; available online only

Office of Education and the Environment  
1001 I Street  
Sacramento, CA 95812  
Phone: (916) 341-6769  
Website: [www.calepa.ca.gov/education/EEI](http://www.calepa.ca.gov/education/EEI)

**Sierra to Sea Website**

This website about California's water includes video presentations and maps about the California State Water Project, the Central Valley Project, local water providers, water quality, dams, reservoirs, ground water, and more.

Grades 7-adult  
Free online information

Sierra to Sea  
E-mail: [lawroutreach@ucdavis.edu](mailto:lawroutreach@ucdavis.edu)  
Website: [sierratosea.ucdavis.edu](http://sierratosea.ucdavis.edu)

**Smart Water Use on Your Farm or Ranch**

This bulletin spotlights soil management, such as using compost, conservation tillage and cover crops; plant management, featuring crop rotation, water-conserving plants and rangeland drought mitigation; and water management strategies, such as low-volume irrigation and water recycling.

Grades 9-12  
Free; also available online

Sustainable Agriculture Publications  
Post Office Box 753  
Waldorf, MD 20604-0753  
Phone: (301) 374-9696  
Fax: (301) 843-0159  
E-mail: [sanpubs@sare.org](mailto:sanpubs@sare.org)  
Website: [www.sare.org/webstore](http://www.sare.org/webstore)

### There's No New Water!

This water conservation and water quality curriculum is grounded in the simple yet powerful concept that water is a finite natural resource whose quantity and quality must be responsibly preserved, protected, used, and reused.

Grades 9-12  
\$16

National 4-H Cooperative Curriculum System, Inc.  
405 Coffey Hall, 1420 Eckles Avenue  
St. Paul, MN 55108-6068  
Phone: (612) 624-4900  
Toll free: (800) 876-8636  
E-mail: [shopext@umn.edu](mailto:shopext@umn.edu)  
Website: [www.n4hccs.org/afterschoolag](http://www.n4hccs.org/afterschoolag)  
Website: [www.4-hmall.org](http://www.4-hmall.org)

### Understanding Invasive Aquatic Weeds

This activity booklet contains helpful information and fun activities for students. The 15-page booklet features five of the invasive aquatic weeds found in North America. Includes interactive links to key concepts and terminology, video clips, and games that help illustrate the serious problems associated with these plant species. Download online or request a class set.

Grades 9-adult  
Free; plus shipping

Aquatic Plant Management Society  
Post Office Box 821265  
Vicksburg, MS 39182  
Phone: (850) 245-2815  
E-mail: [jeff.schardt@myfwc.com](mailto:jeff.schardt@myfwc.com)  
Website: [www.apms.org](http://www.apms.org)

### Water Education Foundation Materials

#### California Groundwater Map

This 24" x 36" map shows where groundwater is in California, and explains the different types of water-bearing formations. Cut-aways of different areas in California illustrate the problems of salt water intrusion, contamination, overdraft, and fractured rock. With changes in the way surface water is allocated in California, water users have turned to groundwater to help meet the state's needs.

Grades 6-adult  
\$10

#### California Water Map

This 24" x 36" poster includes photos of California's natural environment, rivers, water projects, wildlife, and urban and agricultural uses. Text focuses on key California water issues: water supply, water use, water projects, the Delta, wild and scenic rivers, and the Colorado River. The map features natural and man-made water resources throughout the state, including the wild and scenic rivers system, federally funded projects, state-funded projects, locally funded projects, and saline or alkaline lakes. Map is UV coated to resist fading.

Grades 5-adult  
\$15

#### California's Water Problems

A series of four role-playing scenarios with appropriate lesson plans, worksheets, and evaluation devices on topics, including the Delta, Colorado River, agricultural drainage, and groundwater.

Grades 9-adult  
\$25

#### California's Water Story

Multi-disciplinary unit includes a California water map, poster, trivia game, video, and lesson plan booklet with worksheets and water awareness stickers.

Grades 4-6  
\$25

#### Conserve Water Educator's Guide

Students can learn to simulate the management of water resources in a community, create a xeriscape landscape, play an irrigation innovation game, or learn about how history can teach us conservation lessons. Other activities move students beyond the classroom to the community. Case studies help students learn decision-making and critical thinking from real life conservation problems.

Grades 5-12  
\$15.95

#### Conserve Water Student Booklet

This 16-page booklet contains games, puzzles, and activities designed to teach students about water conservation.

Grades 4-8  
\$1.25

#### The Delta Map

The Delta, convergence of California's two great water delivery systems, and major rivers is depicted in this 36" x 24" map. The map graphically depicts the importance of the Delta—what it is, where it is, and how water flows through the area. Accompanying text explains Delta levees, agriculture, fish and wildlife, drinking water issues, and the importance of the Delta to all Californians.

Grades 6-adult  
\$10

**Discover Ground Water and Springs Student Activity Booklet**

This colorful, 16-page activity book is designed to show principles related to water flow. Watershed animals, hot and cold springs, and everyday ground water uses are vividly illustrated and demonstrated. This is part of the KIDS Series, which features creative and hands-on investigations, demonstrations, science experiments, educational games, and stories designed to stimulate understanding of booklet's topic.

Grades 4-8  
\$1.25; quantity discounts available

**Discover Storm Water Children's Activity Booklet**

This colorful, 16-page activity book features informative text, activities, investigations, and experiments designed to teach awareness of storm water and how to prevent pollution. Pull on your rain boots and try to imagine what your town would be like without storm drains. Readers can calculate runoff on permeable and impermeable surfaces, follow the maze of nonpoint source pollution, and apply best management practices.

Grades 4-8  
\$1.25; quantity discounts available

**The Fountains of Columbia**

This 11-minute DVD, shot on location at Columbia State Historic Park, helps students envision what life was like in a California gold mining town 150 years ago, and the importance that water played within the mining community. Lesson plan booklet included.

Grades 4-6  
\$39.95

**Give Water A Second Chance... Re-Cycle It!**

Designed for upper elementary students, this 16-page colorful booklet has background information on the process of recycling water and its similarity to the water cycle, as well as the need for recycled water. The five engaging double-page activities include a decoding game about the parts of the water re-cycle, mazes through a wastewater treatment plant, online explorations of wastewater microbe life cycles, activities to identify uses for wastewater, an experiment about salts dissolved in water, and the challenges for water recycling.

Grades 6-12  
\$1

**Healthy Water, Healthy People Student Booklet**

This colorful, 16-page activity book features informative text, activities, investigations, and experiments designed to teach water quality monitoring, watershed restoration, and pollution prevention. Students also learn how the body uses water in sports, digestion, breathing, and even thinking. The booklet features creative and hands-on investigations, demonstrations, science experiments, educational games, and stories designed to stimulate understanding of the booklet's topics. Sold in class sets, but discounts are available for large quantity orders.

Grades 4-8  
\$1.25

**KIDS: Discovering Drought**

This 16-page activity book addresses these questions: How can there be a drought in a rain forest—or in the desert? What exactly is a drought? Students learn these answers and more, such as the roles of snowpack and groundwater, droughts around the world and throughout history, predicting and planning for drought, plant and animal adaptations, and dendrochronology.

Grades 4-8  
\$1.25

**KIDS: Watershed Protection**

This 16-page booklet helps children learn the answers to a host of questions. What is a watershed? How can you protect a watershed using simple, everyday actions? Who manages a watershed? What watershed habitats support different plants and animals?

Grades 4-8  
\$1.25

**Project Water Science**

A general science unit that studies water chemistry and how it relates to the environment. Includes reproducible game board, fact card, and a California water map.

Grades 7-12  
\$25

**Project WET**

Project WET is an international, interdisciplinary water education program for formal and non-formal educators of K-12 students. More than 65 innovative activities, which are hands-on, easy-to-use, and fun, are included in the Project WET Curriculum and Activity Guide 2.0.

Grades K-12  
Available to educators who participate in a Project WET workshop

**Water Cycle Poster**

Water as a renewable resource is depicted in this 18" x 24" poster. Water is renewed again and again by the natural hydrologic cycle where water evaporates, transpires from plants, rises to form clouds, and returns to the earth as precipitation.

Grades K-12  
\$7

**Water Fact Card**

The Water Fact Card, in "slide guide" format, provides facts on water use and supply. One side of the card lists the amount of water used to produce many foods, including tomatoes, lettuce, milk, eggs, and hamburgers. The card also features information about how much water is used around the house and a breakdown of the Earth's water supply. Also available in Spanish.

Grades 3-12  
\$1

**Water on the Edge**

This 60-minute documentary presents a comprehensive look at critical water resources issues in California, from the state's early history to the present. Available as DVD or VHS and includes viewer's guide.

Grades 8-12  
\$25

**Watershed Protection Student Activity Booklet**

For grades four to seven, this colorful, 16-page, interactive booklet helps children learn the answers to a host of questions. What is a watershed? How can you protect a watershed using simple, everyday actions? Who manages a watershed? What watershed habitats support different plants and animals? Kids can even become a certified Watershed Hero! This booklet features creative and hands-on investigations, demonstrations, science experiments, educational games, and stories designed to stimulate understanding of the booklet's topic. Sold in class sets of 30, but discounts are available for large quantity orders.

Grades 4-8  
\$1.25

**Where Does Your Water Come From? The Drinking Water Source Book**

This booklet teaches students about the sources of drinking water. Children learn about the water cycle, watersheds, surface water, ground water, aquatic ecosystems, water quality and its effect on living things, sources of water pollution, and how to prevent pollution in their own communities. The information in this 32-page color book can support many different curriculum programs designed to teach about watersheds and water quality, or stand alone as an insight into the wonder of the life-giving resource we all need—water.

Grades 5-adult  
\$10; quantity discounts available

Water Education Foundation  
717 K Street, Suite 317  
Sacramento, CA 95814  
Phone: (916) 444-6240  
Fax: (916) 448-7699  
E-mail: [dfarmer@watereducation.org](mailto:dfarmer@watereducation.org)  
Website: [www.watereducation.org](http://www.watereducation.org)

**Water Education Materials**

Materials include student workbooks, teacher's guides, coloring books, flannel board stories, water map, and posters. Bilingual materials available.

Grades K-8  
Free catalog and materials

California Department of Water Resources  
Post Office Box 942836  
Sacramento, CA 94236-0001  
Phone: (916) 653-1097  
Fax: (916) 654-5506  
Website: [www.publicaffairs.water.ca.gov](http://www.publicaffairs.water.ca.gov)

**Water on the Farm is Food for the Table**

This children's activity booklet provides youngsters with basic information on the water cycle and California's water systems.

Grades 3-8  
Free to area educators and students

Westlands Water District  
Post Office Box 6056  
Fresno, CA 93703  
E-mail: [support@westlandswater.org](mailto:support@westlandswater.org)  
Website: [www.westlandswater.org](http://www.westlandswater.org)

**Waves, Wetlands, and Watersheds**

A classroom-based, hands-on activity guide that integrates California Coastal Commission areas of critical concern (wetlands, coastal processes, marine debris and pollution, and endangered species) with California Science Content Standards. Also includes community action activities for all ages. [www.coastal.ca.gov/publiced/waves/waves1.html](http://www.coastal.ca.gov/publiced/waves/waves1.html)

Grades 3-8  
Free; also available online

California Coastal Commission  
45 Fremont Street, Suite 2000  
San Francisco, CA 94105  
Phone: (415) 904-5200  
E-mail: [coast4u@coastal.ca.gov](mailto:coast4u@coastal.ca.gov)  
Website: [www.coastforyou.org](http://www.coastforyou.org)

# Watermelon

## National Watermelon Promotion Board Materials

### National Watermelon Promotion Board Website

This organization has a website full of useful information about nutrition, health, and fun watermelon ideas. Free resources and teaching tools are available, such as activity sheets, coloring books, and more.

Grades K-12

Free; also available online

### Watermelon: Educational Activity Pages

Language arts, math, social science, and healthy eating activity sheets are available online. New science sheets for middle school students are available. Hard copy of the Teacher's Tool Kit is now available on CD-ROM, including coloring books, a watermelon sing-a-long, and more watermelon-themed ideas to promote healthy eating in schools.

Grades 1-2, 3-4, 5-6

Free; available online

National Watermelon Promotion Board  
3361 Rouse Road  
Suite 150  
Orlando, FL 32817  
Phone: (407) 657-0261  
Toll free: (877) 599-5959  
Fax: (407) 657-2213  
E-mail: [info@watermelon.org](mailto:info@watermelon.org)  
Website: [www.watermelon.org](http://www.watermelon.org)

# Weather

## AIMS Education Foundation Materials

### Earth Book: Hydrosphere, Geosphere, Atmosphere and Their Interactions

Students learn about the hydrosphere, geosphere, atmosphere, and their interactions by investigating the types of water on our planet; looking at faults, fossils, rocks, minerals, and soil; learning about clouds and weather fronts; and exploring the process of weathering, erosion, and more. Includes 48 activities on 446 pages, and a CD with printable student pages.

Grades 6-9

\$49.95 plus tax, s/h; request item #1325

Electronic PDF version also available for \$44.95; item #DB1325

## Weather Sense: Temperature, Air Pressure, and Wind

Budding meteorologists investigate temperature variations, discover the properties of air, and measure wind speed. Students also construct measuring tools, maps, and graphs. Weather proverbs and journal prompts add a literacy component. 19 activities are included on 150 pages.

Grades 4-5

\$21.95 plus tax, s/h; request item #1218

Electronic PDF version also available for \$19.95; item #DB1218

AIMS Education Foundation  
1595 S. Chestnut Avenue  
Fresno, CA 93702-4706  
Phone: (559) 255-4094  
Toll free: (888) 733-2467  
Fax: (559) 255-6396  
E-mail: [aimsed@aimsedu.org](mailto:aimsed@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

## Farmers' Almanac Themed Activities

This booklet provides activities focused on how farmers use the Farmers' Almanac as a resource to make decisions related to planting and harvesting crops. Includes topics such as weather, calendar reading, predictions, and sequencing.

Grades 4-8

Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aitc@ilfb.org](mailto:aitc@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

## National Weather Service Website

This website provides real time weather information, as well as basic information on weather and weather systems.

Grades 5-adult

Free online

National Weather Service  
Website: [www.nws.noaa.gov](http://www.nws.noaa.gov)



## Wheat

*Also see Agriculture-General, Bread and Grains listings*

### ► Indicates new for 2013-2014

#### ► Wheat Commodity Reader

This four-page color booklet features essential information about wheat. Student readers will learn about uses, history, production statistics, plant anatomy, and careers. Includes a lesson on milling wheat.

Grades 6-12

Free; available online only

Illinois Agriculture in the Classroom  
1701 Towanda Avenue  
Bloomington, IL 61702  
Phone: (309) 557-3334  
Fax: (309) 557-2098  
E-mail: [aite@ilfb.org](mailto:aite@ilfb.org)  
Website: [www.agintheclassroom.org](http://www.agintheclassroom.org)

#### Wheat Packet

This packet contains lesson plans, resources, and historical and economic information. Includes instructions on growing wheat and other data.

Grades K-12

Free; available online

California Wheat Commission  
1240 Commerce Avenue, Suite A Woodland, CA 95776  
Phone: (530) 661-1292  
Fax: (530) 661-1332  
E-mail: [info@californiawheat.org](mailto:info@californiawheat.org)  
Website: [www.californiawheat.org](http://www.californiawheat.org)

## Wildlife

*Also see Birds, Environment, Gardening and Insects listings*

### ► Indicates new for 2013-2014

#### Federal Junior Duck Stamp Program

The U.S. Fish and Wildlife Service's Junior Duck Stamp Program is a classroom activity series. Teachers conduct the activities with students, addressing topics such as wildlife-friendly agriculture, conservation, habitat, wildlife management, wildlife art, and stamp collecting. As part of the program, students create images for junior duck stamps, which are entered into an annual contest (deadline March 15). Every entry received earns \$1 toward environmental education in California. Classroom presentations available late October through mid-March in Sacramento, Yolo, Solano, and South Placer counties. Curriculum and bonus activities available online.

Grades K-12

Free posters, newsletters, bookmarks, and calendars available yearly

California Waterfowl Association  
4630 Northgate Boulevard, Suite 150  
Sacramento, CA 95834  
Phone: (916) 648-1406  
Fax: (916) 648-1665  
E-mail: [cwaeducation@calwaterfowl.org](mailto:cwaeducation@calwaterfowl.org)  
Website: [www.calwaterfowl.org](http://www.calwaterfowl.org)  
Website: [www.caljrduckstamp.org](http://www.caljrduckstamp.org)

#### ► The Isolation of Species

In this unit, students will learn how speciation can occur through geographic isolation, and how human activities can influence this type of isolation. This unit is part of the California Education and the Environment Initiative (EEI).

Grades 9-12

Free; available online only

Office of Education and the Environment  
1001 I Street  
Sacramento, CA 95812  
Phone: (916) 341-6769  
Website: [www.calepa.ca.gov/education/EEI](http://www.calepa.ca.gov/education/EEI)

## Wildlife in the Garden

This resource helps youth understand wildlife and their needs. Students learn to appreciate the contribution and aesthetic value wildlife brings to a garden habitat. Multiple lessons and activities allow students to be involved in service learning projects. Students can earn certification as Wildlife Gardeners.

Grades 3-8  
\$35

Junior Master Gardener  
225 Horticulture/Forest Building, MS 2134  
College Station, TX 77843-2134  
Phone: (979) 845-8565  
Toll free: (888) 900-2577  
Fax: (979) 845-8906  
E-mail: [programinfo@jmgkids.us](mailto:programinfo@jmgkids.us)  
Website: [www.jmgkids.us](http://www.jmgkids.us)

## Project WILD K-12 Curriculum and Activity Guide

Project WILD is an interdisciplinary, supplementary, environmental and conservation education program for educators of kindergarten through high school-age young people. A variety of resources are available through state Project WILD coordinators. "Growing Up WILD" is an early childhood education program that builds on a child's sense of wonder about nature and invites them to explore wildlife and the world around them.

Grades K-12  
Free online information

Project Wild National Office  
5555 Morningside Drive, Suite 212  
Houston, TX 77005  
Phone: (713) 520-1936  
Fax: (713) 520-8008  
E-mail: [info@projectwild.org](mailto:info@projectwild.org)  
Website: [www.projectwild.org](http://www.projectwild.org)  
Website: [www.flyingwild.org](http://www.flyingwild.org)  
Website: [www.councilforee.org](http://www.councilforee.org)  
Website: [www.birdeeducation.org](http://www.birdeeducation.org)

## Wool

Also see *Fibers listing*

### Wool Packet

Packet includes wool chart and booklet about wool production. A video describing the story of Pendleton is also available.

Grades K-12  
Free Online

Pendleton Woolen Mills  
Education and Testing Department  
Post Office Box 3030  
Portland, OR 97208-3030  
Fax: (503) 535-5794  
E-mail: [education@pendleton-usa.com](mailto:education@pendleton-usa.com)  
Website: [www.pendleton-usa.com](http://www.pendleton-usa.com)

## Worms

### The Adventures of Herman the Worm

Learn about the history of worms, worm anatomy, and more using this youth-oriented website whose main character is Herman. CD-ROM also available for purchase.

Grades K-8  
Free online information  
CD-ROM, \$16.99 includes shipping

Urban Programs Resource Network  
University of Illinois Extension,  
Website: [www.urbanext.uiuc.edu/worms](http://www.urbanext.uiuc.edu/worms)

### EarthWorm Digest

EarthWorm Digest is a non-profit educational organization with a helpful website and quarterly magazine. Find both free and inexpensive tools and books, videos, and other resources. Register online and read and respond to postings from other experts and earthworm enthusiasts. Printed magazines with information about earthworms and earthworm businesses are available.

Grades 2-adult  
Prices vary

EarthWorm Digest  
The Richard Melvin Building  
1455 East 185th Street  
Cleveland, OH 44110  
Phone: (216) 531-5374  
Fax: (216) 531-5374  
E-mail: [earthworm@wormdigest.org](mailto:earthworm@wormdigest.org)  
Website: [www.wormdigest.org](http://www.wormdigest.org)

### Flowerfield Enterprises and Flower Press Materials

#### Compost, By Gosh!

A poetically written and delightfully illustrated children's picture book empowers readers and listeners to vermicompost.

Grades PreK-4  
\$16.95 plus \$6 s/h

#### Worm Bin Creatures Alive Through the Microscope Video

This 31-minute DVD shows close-ups of busy sow bugs, springtails, mites, redworms, and other worm bin creatures.

Grades K-adult  
\$25 plus \$10 s/h

### **The Worm Cafe: Mid-Scale Vermicomposting of Luncheon Waste**

This detailed manual, by Binet Payne, describes a school-wide program for integrating the recycling of glass, cans, milk cartons, and paper wastes with a cafeteria food-waste recycling program using redworms.

Grades K-adult  
\$29.95 plus \$8 s/h

### **Wormania! Video**

This 26-minute DVD features close-ups of live earthworms in their natural habitat. A 48-page Wormania! teaching guide can be ordered separately.

Grades K-8  
\$25 plus \$8 s/h

### **Worm-a-way Vermicomposting Kit**

This kit comes with Mary Appelhof's vermicomposting bin, a unique ventilation system, snap-on lid, the "Worms Eat My Garbage" book, and a coupon for one pound of redworms. Two sizes available.

Grades K-adult  
Call for order form or check website

### **Worms Eat My Garbage**

This 176-page book, written by Mary Appelhof, is a guide to vermicomposting, a process using redworms to recycle food waste into nutrient-rich food for plants. ISBN 978-0-9778045-1-1

Grades K-adult  
\$12.95 plus \$3.50 s/h

### **Worms Eat Our Garbage: Classroom Activities for a Better Environment**

Integrated curricular activities use the world of worms, the environment, and natural resources to help children develop language, math, problem-solving, and critical-thinking skills.

Grades 4-6  
\$22.95 plus s/h

Flowerfield Enterprises, LLC  
10332 Shaver Road  
Portage, MI 49024  
Phone: (269) 327-0108  
Fax: (269) 327-7009  
E-mail: [nancy@wormwoman.com](mailto:nancy@wormwoman.com)  
Website: [www.wormwoman.com](http://www.wormwoman.com)

### **VermiCo**

This vermiculture company has a variety of materials available including books, worm bins, earthworms and more.

Grades K-12  
Free catalog

VermiCo  
Post Office Box 2334  
Grants Pass, OR 97528  
Fax: (541) 476-4555  
E-mail: [vermico@vermico.com](mailto:vermico@vermico.com)  
Website: [www.vermico.com](http://www.vermico.com)



# Section 3

## Additional Agricultural Facts and Information



California Foundation for  
Agriculture in the Classroom

California Agriculture  
#1 Commodities by County  
California Agriculture Quiz  
Resources in Your Community  
California Counties at a Glance  
Agriculture in the Classroom National Contacts  
California Association Future Farmers of America  
University of California 4-H Youth Development Program  
Field Trip Ideas



## Agricultural Overview

California agriculture experienced a 15 percent increase in the sales value of its products for 2011. The state's 81,500 farms and ranches received a record \$43.5 billion for their output last year, up from the \$38.0 billion reached during 2010.

California's increase in revenue was led by the dairy sector. Dairy producers received a record \$7.68 billion for their milk production in 2011, up 30 percent from 2010, and 5 percent above the previous high reached in 2007. Milk

production from the state's dairy farms increased 3 percent. Milk prices received by producers rose from \$14.69 per hundred pounds of milk sold in 2010 to \$18.54 in 2011. California once again led the nation in milk production and produced 21.1 percent of the nation's milk supply last year. Milk prices rose during the beginning of 2011, peaking in the summer months. Prices weakened towards the end of the year. The higher price of milk was offset by record high feed costs, which created some hardship for California dairies in 2011.



Top 5 Agricultural States in Cash Receipts, 2011		
State	Rank	Total Value <i>Billion Dollars</i>
California	1	43.5
Iowa	2	29.9
Texas	3	22.7
Nebraska	4	21.8
Illinois	5	19.8

California remained the number one state in cash farm receipts in 2011, with its \$43.5 billion in revenue representing 11.6 percent of the U.S. total. The state accounted for 15.0 percent of national receipts for crops, and 7.4 percent of the U.S. revenue for livestock and livestock products.

California's agricultural abundance includes more than 400 commodities. The state produces nearly half of U.S.-grown fruits, nuts, and vegetables. Across the nation, U.S. consumers regularly purchase several crops produced solely in California.

## Crop and Livestock Commodities in which California Leads the Nation

<b>Almonds</b>	<b>Figs</b>	Melons, Cantaloupe	<b>Plums, Dried</b>
Apricots	Flowers, Bulbs	Melons, Honeydew	Pluots
<b>Artichokes</b>	Flowers, Cut	Milk	<b>Pomegranates</b>
Asparagus	Flowers, Potted Plants	Milk Goats	Raspberries
Avocados	Garlic	Nectarines	<b>Rice, Sweet</b>
Beans, Dry Lima	<b>Grapes, Raisins</b>	Nursery, Bedding Plants	Safflower
Bedding/Garden Plants	Grapes, Table	Nursery Crops	Seed, Alfalfa
Broccoli	Grapes, Wine	<b>Olives</b>	Seed, Bermuda Grass
Brussels Sprouts	Greens, Mustard	Onions, Dry	<b>Seed, Ladino Clover</b>
Cabbage, Chinese	Hay, Alfalfa	Onions, Green	Seed, Vegetable and Flower
Cabbage, F.M.	Herbs	Parsley	Spinach
Carrots	Kale	<b>Peaches, Clingstone</b>	Strawberries
Cauliflower	<b>Kiwifruit</b>	Peaches, Freestone	Tomatoes, Processing
Celery	Kumquats	Pears, Bartlett	Vegetables, Greenhouse
Chicory	Lemons	Peppers, Chile	Vegetables, Oriental
Cotton, American Pima	Lettuce, Head	Peppers, Bell	<b>Walnuts</b>
Daikon	Lettuce, Leaf	Persimmons	Watermelons
<b>Dates</b>	Lettuce, Romaine	Pigeons and Squabs	Wild Rice
Eggplant	Limes	<b>Pistachios</b>	
Escarole/Endive	Mandarins & Mandarin Hybrids		

California is the sole producer (99% or more) of the commodities in **bold**.

Source: USDA, NASS, California Field Office

## Farm Facts

In 2011, 81,500 farms operated in California, 3.7 percent of the national total. Over 24 percent of California farms produced commodity sales totaling over \$100,000, compared to 18 percent for the U.S. as a whole. During 2011, California lands devoted to farming and ranching totaled 25.4 million acres, unchanged from 2010. The California average farm size was 312 acres, while the U.S. average farm size was 420 acres.

## Top Commodities

California's top 20 crop and livestock commodities accounted for more than \$35.8 billion in value for 2011. Eleven commodities exceeded \$1 billion in value for 2011. Thirteen of the 20 commodities registered an increase in value from the previous year. Almonds continued their prolific increase in value, surpassing grapes by a small amount to become California's second ranked commodity. Final grower returns could change the sales values for the commodities, resulting in an updated dollar amount in next year's report.

## Land Values/Cash Rents

In 2011, the average value of California farm real estate increased \$200 per acre to \$6,900 per acre. Irrigated cropland valued at \$11,500 per acre increased 4 percent, while non-irrigated cropland valued at \$3,600 per acre increased 3 percent. All cropland was valued at \$9,450 per acre, an increase of \$320 per acre from 2010. Pastureland was valued at \$2,800 per acre for 2011, down 2 percent from the previous year.

Irrigated cropland rental rates were valued at \$335 per acre, a decrease of \$10 per acre from the previous year. Nonirrigated land rental rates were \$50 per acre, unchanged from the previous year. Pastureland rental rates at an average of \$12.50 per acre decreased 4 percent from the previous year.

### California's Top 20 Commodities for 2009–2011

Commodity	Value and Rank					
	2009		2010		2011	
	<i>x \$1,000</i>					
Milk and Cream	4,537,171	1	5,928,150	1	7,680,566	1
Almonds (shelled)	2,293,500	4	2,903,380	3	3,866,880	2
Grapes	3,260,172	2	3,209,040	2	3,860,351	3
Cattle & Calves	1,676,375	7	2,068,412	5	2,825,125	4
Nursery	2,513,112	3	2,357,232	4	2,683,100	5
Berries, All Strawberries	1,725,232	6	1,813,557	6	1,948,118	6
Hay, All	926,660	10	1,033,152	10	1,734,660	7
Lettuce, All	1,743,573	5	1,605,283	7	1,513,023	8
Walnuts	747,270	12	1,028,160	11	1,323,070	9
Tomatoes	1,539,923	8	1,246,286	8	1,264,936	10
Flowers and Foliage	936,689	11	1,015,083	12	1,011,530	11
Cotton Lint, All	285,797	24	592,416	17	893,952	12
Pistachio	592,850	16	1,158,840	9	879,120	13
Rice	936,958	9	930,849	13	774,432	14
Chickens	691,518	14	721,723	14	702,051	15
Broccoli	750,600	13	684,659	16	684,033	16
Carrots	499,766	17	546,210	18	659,610	17
Oranges, All	595,909	15	720,899	15	656,338	18
Avocados	200,640	33	414,948	19	460,560	19
Eggs, Chicken	319,805	22	367,788	20	391,578	20



# #1 Commodities by County



Ranking based on dollar value of commodity;

2011 statistics information obtained from County Agricultural Commissioner reports.

# California Agriculture Quiz

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1. Agriculture is one of California's leading industries.  True  False
2. California is the nation's #1 agricultural state.  True  False
3. California farmers and ranchers produce more than 400 different crops and livestock commodities.  True  False
4. The majority of the farmland in California is owned by families.  True  False
5. California is the national leader in agricultural exports.  True  False
6. List the top three states in agricultural production.
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
7. List five of the top ten commodities produced in California.
1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
8. California leads the nation in the production of \_\_\_\_\_ crop and livestock commodities.  36  61  78
9. According to government statistics, there are more than \_\_\_\_\_,000 farms and ranches in California.  35  81  190
10. The average size of a California farm is \_\_\_\_\_ acres.  248  312  630
11. The average size of a nationwide farm is \_\_\_\_\_ acres.  420  770  935
12. Agriculture directly contributes more than \_\_\_\_\_ billion dollars to California's economy.  12.4  17.8  43.5

Based on 2011 statistics compiled from California Agricultural Statistics Service.

# California Agriculture Quiz

## Answer Sheet

1. Agriculture is one of California's leading industries.  
*Cash farm receipts for 2011 totaled \$43.5 billion.*  True  False
2. California is the nation's #1 agricultural state.  
*For more than 50 years, California has been the leading agriculture producing state in the nation, followed by Iowa and Texas. Of the top ten agriculture-producing counties in the United States, nine are located in California. The nine California counties in ranking order are Fresno (1), Tulare (2), Monterey (3), Kern (4), Merced (5), Stanislaus (6), San Joaquin (7), Imperial (9), and Ventura (10). Weld, Colorado ranks eighth.*  True  False
3. California farmers and ranchers produce more than 400 different crops and livestock commodities.  
*Because of diverse micro-climates and an excellent water transportation system, California farmers produce more than 400 different crops and livestock commodities.*  True  False
4. The majority of the farmland in California is owned by families.  
*Less than 3% of California farmland is owned by non-family corporations. Many family farms have become incorporated to ensure the continuation of their operation into future generations.*  True  False
5. California is the national leader in agricultural exports.  
*International leading export destinations include the Canada, the European Union, and Japan.*  True  False
6. List the top three states in agricultural production.  
*California, \$43.5 billion; Iowa \$29.9 billion; and Texas, \$22.7 billion.*
1. California, \$43.5 billion  
2. Iowa, \$29.9 billion  
3. Texas, \$22.7 billion
7. List five of the top ten commodities produced in California. (In ranking order)
- |                 |                     |            |              |
|-----------------|---------------------|------------|--------------|
| 1. Milk & Cream | 4. Cattle & Calves  | 7. Hay     | 10. Tomatoes |
| 2. Almonds      | 5. Nursery Products | 8. Lettuce |              |
| 3. Grapes       | 6. Strawberries     | 9. Walnuts |              |
1. \_\_\_\_\_  
2. \_\_\_\_\_  
3. \_\_\_\_\_  
4. \_\_\_\_\_  
5. \_\_\_\_\_
8. California leads the nation in the production of 78 crop and livestock commodities.  
*California produces more than 99% of the total U.S. output of several crops, including almonds, artichokes, figs, raisin grapes, olives, clingstone peaches, dried plums, dates, kiwifruit, pomegranates, sweet rice, Ladino clover seed, and walnuts.*  36  61  78
9. According to government statistics, there are more than 81,000 farms and ranches in California.  
*The federal government defines a farm to be any unit of production with gross sales of \$1,000 or more per year. In 2009, this qualified 81,500 farms to be counted in California.*  35  81  190
10. The average size of a California farm is 312 acres.  
*The size of farms varies depending on the type of agriculture commodity produced. For example, vineyards or citrus groves average 45 acres, while cattle ranches need larger acreage to graze their herds. More than 65% of the state's farms are less than 50 acres.*  248  312  630
11. The average size of a nationwide farm is 420 acres.  420  770  935
12. Agriculture directly contributes more than 43.5 billion dollars to California's economy.  
*Agriculture generated \$43.5 billion for our state's economy in 2011.*  12.4  17.8  43.5

Based on 2011 statistics compiled from California Agricultural Statistics Service.

# Resources in Your Community

Consider contacting the following local organizations for additional information.

## Agricultural Organizations

Call County Farm Bureau offices to see if any of the following are in your area:

- California Women for Agriculture chapters
- Farm-to-School organizations
- Commodity associations
- Agricultural cooperatives
- Grange associations
- Resource Conservation Districts
- State and federal education and research offices

## Agriculture Education Instructors

- Community colleges, colleges and universities  
Agriculture & Natural Resources Department
- Future Farmers of America
- Middle and high schools

## Businesses: Local/Regional/National

- Banks
- Hardware stores
- Garden and floral shops
- Grocery stores
- Processing plants

## Chamber of Commerce

- Agriculture division
- Business directory
- Local history
- Maps

## County Agriculture Commissioner's Office

- Classroom speakers
- Entomologists
- Statistics
- Regulations

## County Fair Office

- Agriculture division
- Educational entries
- Posters
- Special events person
- Student Day at the Fair (field trip)

## County Farm Bureau Office

- Field trip possibilities
- List of agricultural groups within the county
- Newsletters
- Summer Agricultural Seminars

## County Superintendent of Schools Office

- Curriculum coordinators
- Instructional materials center/library
- Public information officer

## Education Materials

- Catalogs, directories
- Museums, historical societies
- Organizations
- Teacher supply stores
- Websites

## Farmers Markets

- Certified farmers' markets
- Farm Trail organizations

## Libraries

- Local and county reference desks
- National Agricultural Library access
- Internet access – [www.LearnAboutAg.org](http://www.LearnAboutAg.org)

## Mentor Teachers

- Agricultural resources
- Garden resources
- Subject area field trips

## Museums

- Local historical societies
- Natural history
- Science

## Newspapers

- Editors
- Newspapers in Education

## Offices with Staff Available

- Agriculture-related private industries  
Banks, agriculture lenders      Seed companies  
Fertilizer dealers                  Tractor dealers
- City Council, Mayor
- Congressional Representative regional offices
- County Board of Supervisors
- State Assembly district office
- State Senate district office

## Phone Book

- Community Service Numbers (Agriculture)
- Government Pages (Agriculture)
- Yellow Pages  
Area Profile                          Did You Know?  
Places to Go                          Calendar of Events  
Fun for Kids                          Index

## Schools

- AITC Ambassadors
- Curriculum specialists
- Teachers
- Workshops
- District coordinators
- School garden coordinators

## University of California

### County Cooperative Extension Office

- County agriculture profiles and history
- Entry into UC resource library systems
- 4-H materials
- Food, animal, and plant commodity specialists
- Master Gardeners
- Research

# California Counties at a Glance

## County Agricultural Offices

### ALAMEDA

Agricultural Commissioner,  
Hayward.....(510) 670-5232  
UC Cooperative Extension/4-H.....(510) 567-6812  
Farm Bureau, Livermore.....(925) 449-1677

### AMADOR

Agricultural Commissioner,  
Jackson.....(209) 223-6487  
UC Cooperative Extension/4-H.....(209) 223-6482  
Farm Bureau, Jackson.....(209) 295-3366

### BUTTE

Agricultural Commissioner,  
Oroville.....(530) 538-7381  
UC Cooperative Extension/4-H.....(530) 538-7201  
Farm Bureau, Oroville.....(530) 533-1473

### CALAVERAS

Agricultural Commissioner,  
San Andreas.....(209) 754-6504  
UC Cooperative Extension/4-H.....(209) 754-6477  
Farm Bureau, Valley Springs.....(209) 736-0033

### COLUSA

Agricultural Commissioner,  
Colusa.....(530) 458-0580  
UC Cooperative Extension/4-H.....(530) 458-0570  
Farm Bureau, Colusa.....(530) 458-5130

### CONTRA COSTA

Agricultural Commissioner,  
Concord.....(925) 646-5250  
4-H.....(925) 646-6543  
UC Cooperative Extension.....(925) 646-6540  
Farm Bureau, Concord.....(925) 672-5115

### DEL NORTE

Agricultural Commissioner,  
Crescent City.....(707) 464-7235  
UC Cooperative Extension/4-H.....(707) 464-4711  
Farm Bureau, Smith River.....(707) 487-0612

### EL DORADO

Agricultural Commissioner,  
Placerville.....(530) 621-5520  
UC Cooperative Extension/4-H.....(530) 621-5502  
Farm Bureau, Placerville.....(530) 622-7773

### FRESNO

Agricultural Commissioner,  
Fresno.....(559) 600-7510  
UC Cooperative Extension/4-H.....(559) 600-7285  
Farm Bureau, Fresno.....(559) 237-0263

### GLENN

Agricultural Commissioner,  
Willows.....(530) 934-6501  
UC Cooperative Extension/4-H.....(530) 865-1107  
Farm Bureau, Orland.....(530) 865-9636

### HUMBOLDT

Agricultural Commissioner,  
Eureka.....(707) 441-5260  
UC Cooperative Extension/4-H.....(707) 445-7351  
Farm Bureau, Eureka.....(707) 443-4844

### IMPERIAL

Agricultural Commissioner,  
El Centro.....(760) 482-4314  
UC Cooperative Extension/4-H.....(760) 352-9474  
Farm Bureau, El Centro.....(760) 352-3831

### INYO-MONO

Agricultural Commissioner,  
Bishop.....(760) 873-7860  
UC Cooperative Extension/4-H.....(760) 873-7854  
Farm Bureau, Bishop.....(760) 387-2692

### KERN

Agricultural Commissioner,  
Bakersfield.....(661) 868-6300  
UC Cooperative Extension/4-H.....(661) 868-6200  
Farm Bureau, Bakersfield.....(661) 397-9635

### KINGS

Agricultural Commissioner,  
Hanford.....(559) 582-3211, ext. 2830  
UC Cooperative Extension/4-H.....(559) 582-3211, ext. 2730  
Farm Bureau, Hanford.....(559) 584-3557

### LAKE

Agricultural Commissioner,  
Lakeport.....(707) 263-0217  
UC Cooperative Extension/4-H.....(707) 263-6838  
Farm Bureau, Lakeport.....(707) 263-0911

### LASSEN

Agricultural Commissioner,  
Susanville.....(530) 251-8110  
4-H.....(530) 251-8285  
UC Cooperative Extension.....(530) 251-2601  
Farm Bureau, Susanville.....(530) 257-7242

### LOS ANGELES

Agricultural Commissioner,  
Arcadia.....(626) 575-5471  
UC Cooperative Extension/4-H.....(323) 260-2267  
Farm Bureau, Palmdale.....(661) 274-9709

**MADERA**

Agricultural Commissioner,  
 Madera.....(559) 675-7876  
 UC Cooperative Extension/4-H.....(559) 675-7879  
 Farm Bureau, Madera.....(559) 674-8871

**MARIN**

Agricultural Commissioner,  
 Novato.....(415) 473-6700  
 4-H.....(415) 473-4207  
 UC Cooperative Extension.....(415) 473-4204  
 Farm Bureau, Point Reyes Station.....(415) 663-1231

**MARIPOSA**

Agricultural Commissioner,  
 Mariposa.....(209) 966-2075  
 UC Cooperative Extension/4-H.....(209) 966-2417  
 Farm Bureau, Mariposa.....(209) 742-5875

**MENDOCINO**

Agricultural Commissioner,  
 Ukiah.....(707) 463-4208  
 UC Cooperative Extension/4-H.....(707) 463-4495  
 Farm Bureau, Ukiah.....(707) 462-6664

**MERCED**

Agricultural Commissioner,  
 Merced.....(209) 385-7431  
 4-H.....(209) 385-7418  
 UC Cooperative Extension.....(209) 385-7403  
 Farm Bureau, Merced.....(209) 723-3001

**MODOC**

Agricultural Commissioner,  
 Alturas.....(530) 233-6401  
 UC Cooperative Extension/4-H.....(530) 233-6400  
 Farm Bureau, Alturas.....(530) 233-3276

**MONO-INYO**

Agricultural Commissioner,  
 Bishop.....(760) 873-7860  
 UC Cooperative Extension/4-H.....(760) 873-7854  
 Farm Bureau, Bishop.....(760) 387-2692

**MONTEREY**

Agricultural Commissioner,  
 Salinas.....(831) 759-7325  
 4-H.....(831) 759-7360  
 UC Cooperative Extension.....(831) 759-7350  
 Farm Bureau, Salinas.....(831) 751-3100

**NAPA**

Agricultural Commissioner,  
 Napa.....(707) 253-4357  
 UC Cooperative Extension/4-H.....(707) 253-4221  
 Farm Bureau, Napa.....(707) 224-5403

**NEVADA**

Agricultural Commissioner,  
 Grass Valley.....(530) 273-2648  
 UC Cooperative Extension/4-H.....(530) 273-4563  
 Farm Bureau, Grass Valley.....(530) 346-8146

**ORANGE**

Agricultural Commissioner,  
 Anaheim.....(714) 955-0100  
 UC Cooperative Extension/4-H.....(714) 708-1606  
 Farm Bureau, Irvine.....(714) 573-0374

**PLACER**

Agricultural Commissioner,  
 Auburn.....(530) 889-7372  
 4-H.....(530) 889-7386  
 UC Cooperative Extension.....(530) 889-7385  
 Farm Bureau, Newcastle.....(916) 663-2929

**PLUMAS-SIERRA**

Agricultural Commissioner,  
 Quincy.....(530) 283-6365  
 4-H.....(530) 283-6173  
 UC Cooperative Extension.....(530) 283-6270  
 Farm Bureau, Loyalton.....(530) 993-4550

**RIVERSIDE**

Agricultural Commissioner,  
 Riverside.....(951) 955-3000  
 UC Cooperative Extension/4-H.....(951) 683-6491  
 Farm Bureau, Moreno Valley.....(951) 684-6732

**SACRAMENTO**

Agricultural Commissioner,  
 Sacramento.....(916) 875-6603  
 4-H.....(916) 875-6811  
 UC Cooperative Extension.....(916) 875-6913  
 Farm Bureau, Elk Grove.....(916) 685-6958

**SAN BENITO**

Agricultural Commissioner,  
 Hollister.....(831) 637-5344  
 UC Cooperative Extension/4-H.....(831) 637-5346  
 Farm Bureau, Hollister.....(831) 637-7643

**SAN BERNARDINO**

Agricultural Commissioner,  
 San Bernardino.....(909) 387-2105  
 UC Cooperative Extension/4-H.....(909) 387-2171  
 Farm Bureau, Rialto.....(909) 875-5945

**SAN DIEGO**

Agricultural Commissioner,  
 San Diego.....(858) 694-2741  
 UC Cooperative Extension/4-H.....(858) 694-2845  
 Farm Bureau, Escondido.....(760) 745-3023

**SAN FRANCISCO**

Agricultural Commissioner,  
 San Francisco.....(415) 252-3830  
 UC Cooperative Extension/4-H.....(650) 726-9059

**SAN JOAQUIN**

Agricultural Commissioner,  
 Stockton.....(209) 953-6000  
 4-H.....(209) 953-6106  
 UC Cooperative Extension.....(209) 953-6100  
 Farm Bureau, Stockton.....(209) 931-4931

**SAN LUIS OBISPO**

Agricultural Commissioner,  
 San Luis Obispo ..... (805) 781-5910  
 4-H ..... (805) 781-5943  
 UC Cooperative Extension ..... (805) 781-5940  
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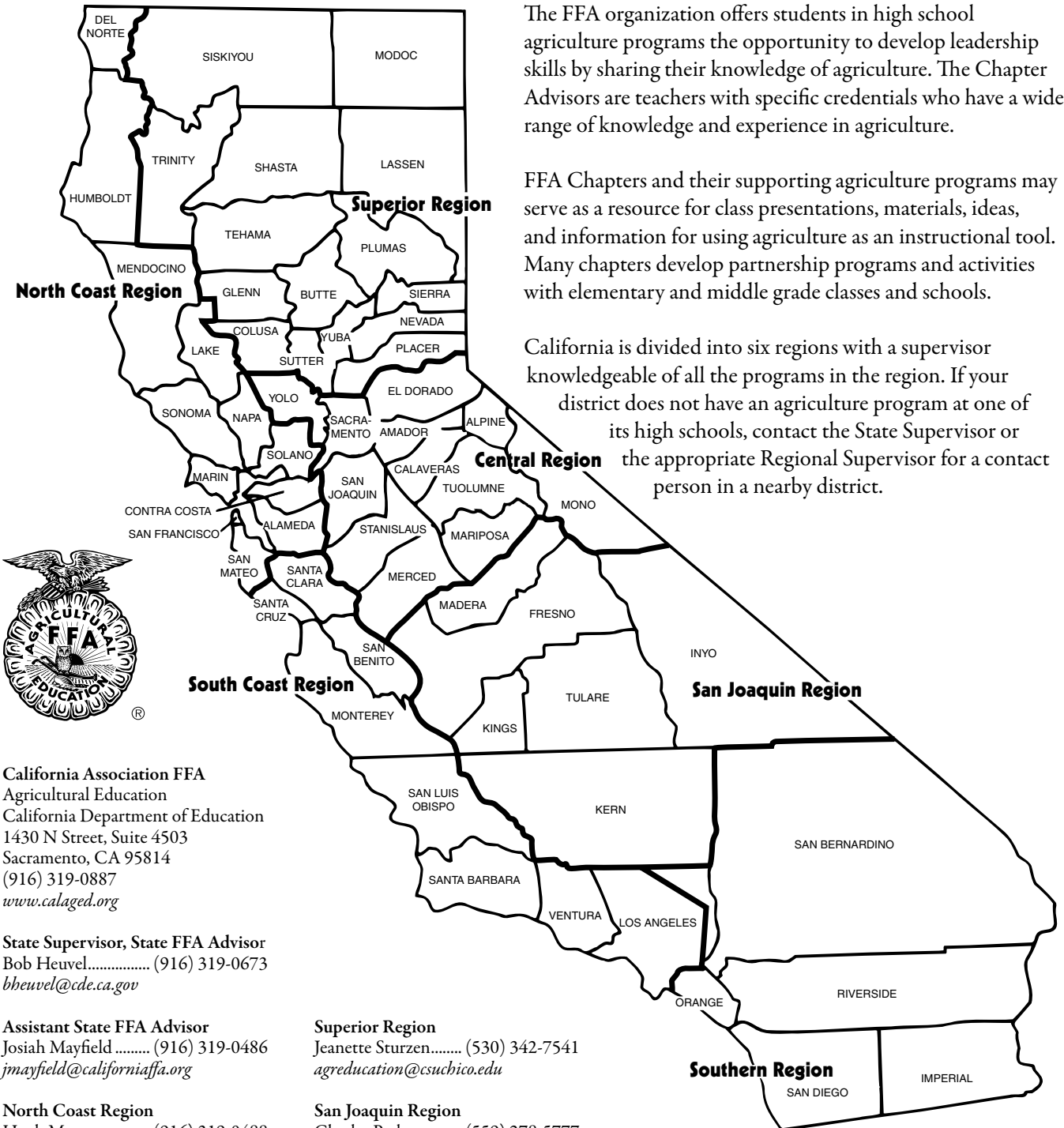
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# California Association Future Farmers of America



The FFA organization offers students in high school agriculture programs the opportunity to develop leadership skills by sharing their knowledge of agriculture. The Chapter Advisors are teachers with specific credentials who have a wide range of knowledge and experience in agriculture.

FFA Chapters and their supporting agriculture programs may serve as a resource for class presentations, materials, ideas, and information for using agriculture as an instructional tool. Many chapters develop partnership programs and activities with elementary and middle grade classes and schools.

California is divided into six regions with a supervisor knowledgeable of all the programs in the region. If your district does not have an agriculture program at one of its high schools, contact the State Supervisor or the appropriate Regional Supervisor for a contact person in a nearby district.



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# University of California 4-H Youth Development Program

## Information

4-H helps young people, ages 5-19, reach their fullest potential as competent, confident, leaders of character who contribute and are connected to their communities.

4-H serves youth throughout California in urban, suburban, and rural communities. 4-H welcomes youth members and adult volunteers from all backgrounds.

In 4-H, youth design and participate in their own programs and activities. This unique learn-by-doing model teaches essential skills that youth will use throughout their lives, such as identifying sparks, desiring knowledge, setting goals, self-reflection, adapting to new situations, communicating, and responding to the needs of others.

4-H projects and programs are focused around the core content of citizenship, healthy living, and science, engineering, and technology.

4-H curricula are designed for experiential and inquiry-based learning to foster the natural curiosity and creativity of youth. The curricula provide youth opportunities to improve their abilities. Many curricula units are free, downloadable PDF documents, available at [www.ca4h.org/Projects/Curriculum](http://www.ca4h.org/Projects/Curriculum).

Encourage youth to participate in 4-H activities! Whether in a 4-H club, camp, or afterschool program, 4-H provides learning experiences that promote a strong sense of belonging, opportunities for community service, and leadership development.

### California State 4-H Office

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One Shields Avenue, ANR Building  
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(530) 754-8541 fax  
[fourhstateofc@ucdavis.edu](mailto:fourhstateofc@ucdavis.edu)  
[www.ca4h.org](http://www.ca4h.org)



University of California  
Agriculture and Natural Resources

4-H Youth Development Program



# Field Trip Ideas

The following locations are appropriate for agricultural student field trips. Please contact the site of interest and obtain information on planning a trip with teachers or students. Fees, schedules, and maps for most locations are available upon request. Please contact California Foundation for Agriculture in the Classroom if you know of additional field trip sites for students. They may be added to this list next year.

## The Farm

The Farm includes a demonstration market garden, a produce stand, a picnic and rest area, live animals, and an agricultural art exhibit. Custom farm tours provide an on-site, hands-on experience that shows the farming practices of the Salinas Valley.

The Farm  
Hwy 68 at the Spreckels Boulevard Exit  
Post Office Box 247  
Salinas, CA 93902  
Phone: (831) 455-2575  
Fax: (831) 424-7812  
Website: [www.thefarm-salinasvalley.com](http://www.thefarm-salinasvalley.com)

## AGRIsclapes at Cal Poly Pomona University

AGRIsclapes is a 40-acre education and demonstration center promoting agricultural and environmental literacy to encourage responsible stewardship of our natural resources. The Visitor Center exhibits describe our reliance on plants throughout history, portray the challenges we face in feeding a hungry world, and feature a Recycling Education Center. Twenty acres are devoted to theme gardens, landscapes, agricultural research projects, and demonstrations. School field trips can be scheduled for the pumpkin patch in the fall and the strawberry patch in the spring.

AGRIsclapes  
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Fax: (909) 869-4454  
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## AgVentures! Learning Center & Museum

AgVentures! Learning Center offers customized field trips for students of any age, and is open five days a week for public visitors. Tour the Antique Farm Equipment Museum to learn how agriculture shaped the face of California. Experience the farm, from a virtual TracTour to a real-life MooMachine. Visitors will also learn how farmers are “Zero Heros” when they visit the Pena’s Recycling Zero Hero exhibit. School tours include the “Plant a Seed Station” and an interactive theater experience. A lush outdoor arbor is perfect for picnic lunches. Call to reserve a tour.

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Website: [www.agventures.internationalagricenter.com](http://www.agventures.internationalagricenter.com)

## Amy’s Farm Tours

Through a hands-on guided tour, learn about growing fruits and vegetables and different kinds of livestock. Learn about the “Story of Milk” by observing dairy cows and feeding a bottle to a calf. Feed pigs and pet horses, goats, and sheep.

Amy’s Farm Tours  
7698 Eucalyptus Avenue  
Ontario, CA 91762  
Phone: (909) 393-2936  
Website: [amysfarm.com](http://amysfarm.com)

## Ardenwood Historic Farm

A visit to Ardenwood is a journey back to the time of the Patterson Ranch—a prosperous, 19th-century country estate including a mansion, gardens, and historic farm. Educational programs offer participants hands-on experiences that would have been common on this turn-of-the-century farm. Educational programs require reservations.

Ardenwood Historic Farm  
34600 Ardenwood Boulevard  
Fremont, CA 94555  
Phone: (510) 544-2797  
Fax: (510) 796-0231  
Website: [www.ebparks.org/parks/ardenwood](http://www.ebparks.org/parks/ardenwood)

### Barnyard Reading Programs

The Cordova Recreation and Park District, located in the Sacramento area, provides Barnyard Reading Programs for children ages 2-12. "Reading Haystack" is a reading program for reluctant readers. They read with their favorite animal at the barn and receive a free book which is autographed by one of the animals. "Storytime in the Barnyard" is a favorite time for preschoolers, who learn about the animals in the barn through reading.

Cordova Recreation & Park District  
2197 Chase Drive  
Rancho Cordova, CA 95670  
Phone: (916) 362-1841  
Fax: (916) 362-9602  
E-mail: [crpd@crpd.com](mailto:crpd@crpd.com)  
Website: [www.crpd.com](http://www.crpd.com)

### California Citrus State Historic Park

This California State Historic Park greets visitors with an old-fashioned fruit stand. Set on 377 acres, this historic orange grove shares with visitors the history of the citrus industry and the story of citrus and its travels from around the world to Southern California. Self and guided school and public tours are available. Reservations should be made at least two weeks in advance. Limit 60 students per tour.

California Citrus State Historic Park  
1879 Jackson Street  
Riverside, CA 92504  
Phone: (951) 780-6222  
Fax: (951) 780-6073  
E-mail: [californiacitrusshp@parks.ca.gov](mailto:californiacitrusshp@parks.ca.gov)  
Website: [www.parks.ca.gov](http://www.parks.ca.gov)

### The Center for Land-Based Learning

The Center for Land-Based Learning implements two programs: the FARMS Leadership Program (statewide) and the SLEWS Program (Northstate, Sacramento Valley, Napa, and San Joaquin). Both are hands-on, experiential learning programs that take students out of the classroom and onto farms, ranches, wildlife areas, and post-secondary institutions to teach them about sustainable agriculture, conservation, and the environment. The headquarters in Winters is also an educational farm, which can host school classes for outdoor activities and field days.

Center for Land-Based Learning  
5265 Putah Creek Road  
Winters, CA 95694  
Phone: (530) 795-9569  
Website: [www.landbasedlearning.org](http://www.landbasedlearning.org)

### Countryside Farms

Countryside Farms, a fourth generation farming family, has been offering field trips for nearly 20 years. Field trips emphasize agricultural education, highlighting plant and earth science. Programs involve a series of hands-on activities that feature a four-station rotation. Shaded picnic areas provided for snack time or lunch time. Activities include a hayride through the orchard, farm play yard, planting/soils station, with a fourth station in spring and summer featuring strawberries, cherries, or vegetables and in fall featuring walnut harvest, pumpkins, and tortilla corn. The farm also offers "Farm to School" programs. Programs also available for boy scouts and girl scouts, after school programs, boys and girl clubs, special ed classes and any other children's groups.

Countryside Farms  
6666 East Main Street  
Stockton, CA 95215  
Phone: (209) 943-1632  
E-mail: [cntryfrm@aol.com](mailto:cntryfrm@aol.com)  
Website: [www.countryside-farms.com](http://www.countryside-farms.com)

### County Fairs

County fairs have a unique history. Most originated through an interest of local people to gather together to share their wares and showcase unique talents and skills. County fairs offer an in-depth look at regional agriculture and farm animals. The tradition continues throughout the nation. Many county fairs have educational programs and student contests and can be great field trips for youth. For information about fairs in your area, visit the website.

Western Fairs Association  
1776 Tribute Road, Suite 210  
Sacramento, CA 95815-4495  
Website: [www.WesternFairs.org](http://www.WesternFairs.org)

### Elkus Ranch

Elkus Ranch Environmental Education Center is a working ranch located on the central California coast in San Mateo County. Environmental education programs for students provide hands-on experiences with both plants and animals as students explore the connections between agriculture and their daily lives. Elkus Ranch is not open to the public. Reservations for school/youth group programs (PreK-12) are required. In addition to single day field trips, Elkus Ranch is also available for overnight educational programs.

Elkus Ranch Environmental Education Center  
1500 Purisima Creek Road (physical)  
UCCE/Elkus Ranch, 80 Stone Pine Road #100 (mailing)  
Half Moon Bay, CA 94019  
Phone: (650) 712-3151  
Fax: (650) 712-3153  
E-mail: [elkusranch@ucanr.edu](mailto:elkusranch@ucanr.edu)  
Website: [ucanr.edu/sites/elkus\\_ranch](http://ucanr.edu/sites/elkus_ranch)

### Emma Prusch Farm Park

Near the Interstate 680/280/101 junction, this park offers visitors opportunities to learn about San Jose’s agricultural past. This park’s 47 acres has San Jose’s largest barn, more than 100 community garden plots, acres of open grass perfect for picnics or kite flying, a rare fruit orchard, and close encounters with farm animals. Prusch Park offers educational classes year round, farm tours during the spring and fall, and a ten week summer camp program from June to August.

Emma Prusch Farm Park  
647 South King Road  
San Jose, CA 95116  
Phone: (408) 794-6262  
Website: [www.pruschfarmpark.org](http://www.pruschfarmpark.org)

### Exeter Agriculture Tours

The Exeter Chamber of Commerce provides self-guided mural tours reflecting the area’s rich history in California agriculture. The tour includes a map with general and technical information about the 28 murals and the many commodities grown in the region. Exeter is located in California’s agricultural heartland. Groups of 10 or more may request a tour.

Exeter Chamber of Commerce  
101 West Pine Street  
Exeter, CA 93221  
Phone: (559) 592-2919  
Fax: (559) 592-3720  
E-mail: [chamber@exeterchamber.com](mailto:chamber@exeterchamber.com)  
Website: [exeterchamber.com](http://exeterchamber.com)

### Fairview Gardens and the Center for Urban Agriculture Farm-to-School Programs

The Center for Urban Agriculture at Fairview Gardens is an urban organic farm that provides the local community with fresh fruits and vegetables. Its mission is to teach the community about the connections between food, land, and well-being, while demonstrating the rewards of small farms. Farm-to-School programs interpret the science of farming in an age and grade appropriate way—hands-on and fun.

Fairview Gardens and the Center for Urban Agriculture  
598 North Fairview Avenue  
Goleta, CA 93117  
Phone: (805) 967-7369  
Fax: (805) 967-0188  
E-mail: [info@fairviewgardens.org](mailto:info@fairviewgardens.org)  
Website: [www.fairviewgardens.org](http://www.fairviewgardens.org)

### Fairytale Town

Fairytale Town, a 2.5-acre children’s recreational and educational park, offers arts and education programs, hands-on experiences in learning gardens, and an introduction to animals. Self-guided and docent-led field trips are available to preK through 4th grade public, private and home school groups. Docent-led field trips include your choice of garden or barnyard animal workshops. Each workshop—Barnyard Buddies, Eat A Rainbow, and Garden in a Glove—gives children an introduction to agriculture through hands-on activities or an up close and personal introduction to live farm animals.

Fairytale Town  
3901 Land Park Drive  
Sacramento, CA 95822  
Phone: (916) 808-8814  
Fax: (916) 264-5356  
E-mail: [mail@fairytaletown.org](mailto:mail@fairytaletown.org)  
Website: [www.fairytaletown.org](http://www.fairytaletown.org)

### Farm Trails

Throughout the year, many areas of the state offer opportunities for students and the public to learn about the diversity and abundance of California agriculture. The following websites offer information on regional locations and events that encourage Californians to experience the bountiful harvest firsthand.

Apple Hill Growers Association  
[www.applehill.com](http://www.applehill.com)  
See website for specific ranches who host farm trails

California Agri-Tourism Database  
[calagtour.org](http://calagtour.org)

El Dorado County Farm Trails  
[www.edc-farmtrails.org](http://www.edc-farmtrails.org)

El Dorado County Christmas Tree Growers  
[www.chooseandcut.com](http://www.chooseandcut.com)

Harvest Time in Brentwood  
[www.harvest4you.com](http://www.harvest4you.com)

Lake County Farmers’ Finest  
[www.lakecountymfarmersfinest.org](http://www.lakecountymfarmersfinest.org)

Mendocino County Promotional Alliance  
[www.gomendo.com](http://www.gomendo.com)

Napa Yolano Harvest Trails  
[www.napayolanoharvesttrails.org](http://www.napayolanoharvesttrails.org)

Oak Glen Apple Growers Association  
[www.oakglen.net](http://www.oakglen.net)

Sonoma County Farm Trails  
[www.farmtrails.org](http://www.farmtrails.org)

### The Flower Fields®

The Flower Fields in Carlsbad provide in-classroom presentations to schools with follow-up field trips to fields. In the classroom, children will view a slide show about growing Ranunculus flowers and will plant their own bulb. In the spring, children will receive a guided tour of the fields, learn about vermicomposting, create an art project, and take a tractor-driven wagon ride. Financial assistance available.

The Flower Fields at Carlsbad Ranch  
Attn: Joni Miringoff  
5600 Avienda Encinas, Suite 100  
Carlsbad, CA 92008  
Phone: (760) 930-9123 ext. 118  
Fax: (760) 431-9020  
E-mail: [joni@carltas.com](mailto:joni@carltas.com)  
Website: [www.theflowerfields.com](http://www.theflowerfields.com)

### Fog Willow Science Farm

Learn, create, and enjoy science through fun, interactive, and imaginative activities. The tour is 90 minutes and is comprised of a short, general assembly and hands-on activities. Only open certain months of the year.

Fog Willow Science Farm  
11011 Cecatra Drive  
Wilton, CA 95693  
Phone: (916) 687-4547  
E-mail: [fogwillowfarms@frontiernet.net](mailto:fogwillowfarms@frontiernet.net)  
Website: [www.fogwillow.com](http://www.fogwillow.com)

### Forestry Center

The Forest Foundation schedules school group tours (grades 3-6) of the "forest ecosystem" at Cal Expo in Sacramento. The tours include tree identification, forest management, forest products, and environmental education experiences. Guided tours are available two times per year by reservation.

The Forest Foundation  
1215 K Street, Suite 1835  
Sacramento, CA 95814  
Toll free: (866) 241-8733  
E-mail: [info@calforestfoundation.org](mailto:info@calforestfoundation.org)  
Website: [www.calforestfoundation.org](http://www.calforestfoundation.org)

### Garden Classroom Field Trips

Located in Santa Cruz, Life Lab Science Program offers a variety of field trip and camp opportunities for children, using the outdoor setting as the classroom. Topics include garden-based science, nutrition, and farm systems education.

Life Lab Science Program  
1156 High Street  
Santa Cruz, CA 95064  
Phone: (831) 459-2001  
Fax: (831) 459-3483  
E-mail: [admin@lifelab.org](mailto:admin@lifelab.org)  
Website: [www.lifelab.org](http://www.lifelab.org)

### The Gardens at Heather Farm

This non-profit, environmental education center is dedicated to promoting an understanding and appreciation of California horticulture and ecology. The on-site Natural Science Classroom (NSC) offers a wide variety of science and environmental education programs for students of all ages and abilities. Each program includes an interactive presentation, hands-on activities, and teacher resource materials. Programs are designed to support classroom curriculum and align with the current California Science and Social Science Content Standards.

The Gardens at Heather Farm  
1540 Marchbanks Drive  
Walnut Creek, CA 94598  
Phone: (925) 947-6712  
Fax: (925) 947-1726  
E-mail: [education@gardenshf.org](mailto:education@gardenshf.org)  
Website: [www.gardenshf.org](http://www.gardenshf.org)

### Gilroy Gardens Family Theme Park

Set among 600 acres, Gilroy Gardens offers four interactive, self-guided tours, educational learning sheds, volunteer garden guides, plus over 40 family rides and attractions. Educational topics include agriculture, gardening, history, culture, water, and the environment. Don't forget the unique collection of Circus Trees. The park is open during select months only.

Gilroy Gardens Family Theme Park  
3050 Hecker Pass Highway  
Gilroy, CA 95020  
Phone: (408) 840-7100  
Fax: (408) 846-6474  
E-mail: [info@gilroygardens.org](mailto:info@gilroygardens.org)  
Website: [www.gilroygardens.org](http://www.gilroygardens.org)

### Haag Farm

Go nuts with the Haag Family Farm each summer or fall. Learn about technology used in modern walnut orchards, including hedgerowing, chipping of prunings, chemigation, drip irrigation, and biological controls. Walnut gleanings programs are also available. No charge for school children. One week advance notice required.

Haag Farm Walnuts  
16200 County Road 87  
Esparto, CA 95627  
Phone: (530) 787-3603  
Fax: (530) 787-3603  
E-mail: [haag@cal.net](mailto:haag@cal.net)  
Website: [www.walnuts.us](http://www.walnuts.us)  
Website: [www.WalnutsWalnuts.com](http://www.WalnutsWalnuts.com)



### The Hamburger Farm

A visit to The Hamburger Farm includes a ride on the Bishop's Pumpkin Farm railroad to and from The Hamburger Farm site, a guided tour of a farm that grows crops needed for a hamburger, hands-on activities, self-guided tour of Weeland petting zoo, play time in all play areas (including Coyote Mountain Mine), nutritious and delicious hamburger picnic, and classroom materials for follow-up lessons. Minimum group size is 15.

The Hamburger Farm  
 1415 Pumpkin Lane  
 Wheatland, CA 95692  
 Phone: (530) 633-4392  
 Fax: (530) 633-9538  
 E-mail: [bishopspumpkinfarm@att.net](mailto:bishopspumpkinfarm@att.net)  
 Website: [www.bishopspumpkinfarm.com](http://www.bishopspumpkinfarm.com)

### Heidrick Ag History Center

This 130,000 square-foot museum offers grade-appropriate docent-led tours covering agriculture history and commercial trucking from the late 1800s. Two week notice required.

Heidrick Ag History Center  
 1962 Hays Lane  
 Woodland, CA 95776  
 Phone: (530) 666-9700  
 Fax: (530) 666-9712  
 E-mail: [lindseyl@aghistory.org](mailto:lindseyl@aghistory.org)  
 Website: [aghistory.org](http://aghistory.org)

### Hidden Villa Farm

For over 50 years, Hidden Villa has been a natural oasis for people to discover their connections to the earth and each other. Given to the people of the San Francisco Bay Area by Josephine & Frank Duveneck and their children, this special 1,600 acre farm and wilderness preserve in Los Altos Hills is the site for unique programs teaching environmental and multicultural awareness. For many visitors, particularly those from urban areas, Hidden Villa provides an opportunity to walk in the woods, come face to face with a large farm animal and see where milk and eggs come from. Hidden Villa offers school-year programs for elementary school children, a multi-cultural summer camp for kids second grade through high school, and community programs for all ages.

Hidden Villa Farms  
 26870 Moody Road  
 Los Altos Hills, CA 94022  
 Phone: (650) 949-8650  
 Fax: (650) 948-4159  
 E-mail: [info@biddenvilla.org](mailto:info@biddenvilla.org)  
 Website: [www.biddenvilla.org](http://www.biddenvilla.org)

### Hilmar Cheese Company Visitor Center

Students see a multimedia presentation, experience hands-on interactive learning centers using all senses, and watch employees package the "big cheese," a 640 lb. crate of cheese. Standards-correlated activities are offered: Students in grades K-3 make and eat their own ice cream. Fourth grade and older students form teams to make cheese using the scientific method. Paid student tours include a standards-based student booklet, ice cream, and souvenir.

Hilmar Cheese Company Visitor Center  
 9001 North Lander Avenue  
 Post Office Box 910  
 Hilmar, CA 95324  
 Phone: (209) 656-1196  
 Toll free: (800) 577-5772  
 Fax: (209) 656-1116  
 E-mail: [dskidmore@hilmarcheese.com](mailto:dskidmore@hilmarcheese.com)  
 Website: [www.hilmarcheese.com](http://www.hilmarcheese.com)

### Huntington Botanical Gardens

Henry Huntington began developing the Botanical Gardens in 1903. Now they span nearly 150 acres with sweeping lawns and vistas interspersed with statuary, tempiettos, and benches. Approximately 15,000 kinds of plants from all over the world make up the botanical collections, many landscaped into a series of theme gardens. Landscapes include the Japanese, desert, rose, camellia, palm, subtropical, jungle, lily ponds, herb, and Australian gardens. Specialized displays include the North Vista, the Zen and Bonsai courts, the Children's Garden, the Conservatory for Botanical Sciences, and many more. Free school tours are available.

The Huntington Library, Art Collections, and Botanical Gardens  
 1151 Oxford Road  
 San Marino, CA 91108  
 Phone: (626) 405-2100  
 Website: [www.huntington.org](http://www.huntington.org)

### Hurst Ranch

Experience what farm life was like in the 1900s in West Covina. Field trips, exhibits, and interactive activities—such as butter churning and vegetable picking—are available for groups of all ages.

Hurst Ranch  
 1227 South Orange Avenue  
 West Covina, CA 91790  
 Phone: (626) 813-0116  
 Fax: (626) 339-3182  
 E-mail: [info@hurstranch.com](mailto:info@hurstranch.com)  
 Website: [www.hurstranch.com](http://www.hurstranch.com)

### Luther Burbank Home & Gardens

Visit the home, greenhouse, and gardens where famed horticulturist Luther Burbank experimented with plants for most of his 50-year career. On-site school and public programs are available. A third grade curriculum, developed by Luther Burbank Home & Gardens and Sonoma County Office of Education, is available for \$10 plus \$5 s/h.

Luther Burbank Home & Gardens  
c/o City Hall  
100 Santa Rosa Ave, Rm 10  
Santa Rosa, CA 95404  
Phone: (707) 524-5445  
Fax: (707) 524-5827  
E-mail: [burbankhome@lutherburbank.org](mailto:burbankhome@lutherburbank.org)  
Website: [www.lutherburbank.org](http://www.lutherburbank.org)

### Micke Grove County Park

This park includes the San Joaquin County Historical Museum, a large park area, Japanese garden, and a zoo. The museum reflects the rich agriculture history of the San Joaquin Valley.

Micke Grove County Park  
11793 North Micke Grove Road  
Lodi, CA 95240  
Phone: (209) 953-8800  
Fax: (209) 331-2012  
Website: [www.mgzoo.com](http://www.mgzoo.com)  
Website: (209) 953-3460

### National Steinbeck Center

The mission of the National Steinbeck Center is to tell the story of John Steinbeck's rich legacy and to present, create, and explore stories of the human condition. In the tradition of John Steinbeck, the center draws its inspiration from the diverse people of the Salinas Valley. Through a variety of media, visitors can participate in educational programs, explore the John Steinbeck Exhibit Hall, and The Valley of the World Agricultural Wing. School tours about agriculture are available. Monterey County school groups are admitted free. Out-of-county school groups are admitted for \$5.00 per student. Teachers and chaperones are admitted for free.

National Steinbeck Center  
One Main Street  
Salinas, CA 93901  
Phone: (831) 775-4726  
Fax: (831) 796-3828  
Website: [www.steinbeck.org](http://www.steinbeck.org)

### Occidental Arts and Ecology Center

Occidental Arts and Ecology Center offers a variety of one-day and weekend courses for adults. From school garden teacher trainings to biodiversity and cooking courses, participants enjoy unique research, education, and action programs in a beautiful setting. A catalog is available via e-mail. Limited school tours are available.

Occidental Arts and Ecology Center  
15290 Coleman Valley Road  
Occidental, CA 95465  
Phone: (707) 874-1557  
Fax: (707) 874-1558  
E-mail: [oaec@oaec.org](mailto:oaec@oaec.org)  
Website: [www.oaec.org](http://www.oaec.org)

### The Pizza Farm

Visit a farm that actually grows pizza! This one-half acre living demonstration farm is shaped like a pizza. In each of the eight "slices," students see, touch, and then learn about the plants and animals used to make pizza. Guests learn about how farmers grow wheat for crust, tomatoes for sauce, dairy cows that produce milk to make cheese, pigs for pepperoni and more. Guided tours, planting experience, farm animals, wagon ride, free lesson plans and a shaded picnic area are part of the field trip.

The Pizza Farm  
27877 Avenue 8  
Madera, CA 93637  
Phone: (559) 439-5885  
Fax: (559) 439-5355  
E-mail: [pizzafarmer@cobbranch.com](mailto:pizzafarmer@cobbranch.com)  
Website: [www.cobbranch.com](http://www.cobbranch.com)

### The Pumpkin Farm

This 15-acre farm teaches about farm products, such as Indian corn, squash, gourds, pumpkins, and straw. Seasonal educational programs are available in October. Activities include a farm animal zoo, corn maze, tower slide, and haunted barn. The site is open to the public.

The Pumpkin Farm  
7736 Old Auburn Road  
Citrus Heights, CA 95610  
Phone: (916) 726-1137  
Website: [pumpkinfarm.net](http://pumpkinfarm.net)

### **Pumpkin Patch at Historic Cobb Ranch**

Fun-filled field trips are available Monday through Friday, October 1st through 31st. Field trips include an educational presentation on how pumpkins grow and their historical uses, a wagon ride around Historic Cobb Ranch, a visit to our animal farm, and a pumpkin the students pick from the vine. The field trip lasts approximately 1 1/2 hours. Picnic tables, concessions and country store are also available.

The Pizza Farm  
27877 Avenue 8  
Madera, CA 93637  
Phone: (559) 439-5885  
Fax: (559) 439-5355  
E-mail: [pizzafarmer@cobbranch.com](mailto:pizzafarmer@cobbranch.com)  
Website: [www.cobbranch.com](http://www.cobbranch.com)

### **Rancho Santa Ana Botanic Garden**

Participation in a school tour or program at the Garden is a memorable, meaningful experience for students that will introduce, demonstrate, or reinforce many of the concepts presented in the Science Content Standards for California Public Schools. Led by trained nature interpreters, Rancho Santa Ana Botanic Garden offers walking tours and interactive activity stations that help educate students about the Golden State. Tours and programs convey the importance of native plants, cultures of indigenous people and natural history of California. School tours and programs are conducted from September to mid-June.

Rancho Santa Ana Botanic Garden  
1500 North College Avenue  
Claremont, CA 91711-3157  
Phone: (909) 625-8767 ext. 224  
Fax: (909) 626-7670  
E-mail: [registrar@rsabg.org](mailto:registrar@rsabg.org)  
Website: [www.rsabg.org](http://www.rsabg.org)

### **Researching Biotechnology Solutions for Agriculture**

Tours and presentations are available for youth and adults who have an interest in how biotechnology impacts agriculture. The on-site programs are customized to meet the needs of the visitors' age group and interest. Tours include visits inside the greenhouse and lab. Scientists may also be available for career days.

Monsanto Company, Calgene Campus  
1920 Fifth Street  
Davis, CA 95616  
Phone: (530) 792-2326  
E-mail: [pam.dickerson@monsanto.com](mailto:pam.dickerson@monsanto.com)  
Website: [www.monsanto.com](http://www.monsanto.com)

### **Rose Hills Foundation Conservatory for Botanical Science**

The Rose Hills Foundation Conservatory for Botanical Science at the Huntington Botanical Gardens contains more than 50 interactive exhibits designed to engage children and adults in a wonder-filled, scientific exploration of plants. Living plants fill a 16,000 square foot greenhouse that comprises three different habitats and a gallery devoted to experiment stations. Geared for grades four through six, the Rose Hills tour is included with admission to Huntington Botanical Gardens. Free class field trips for grades sixth through eighth are available as part of the Huntington's School Programs.

The Huntington Library, Art Collections, and Botanical Gardens  
1151 Oxford Road  
San Marino, CA 91108  
Phone: (626) 405-2100  
Website: [www.huntington.org](http://www.huntington.org)

### **Squaw Valley Herb Gardens**

Botanical Herb Gardens & Lavender Farm Tours include a guided walk collecting plant samples followed by a seated presentation about how to use them. Learn about the Acorn, Corn, and Wheat cultures of California, their use of plants for food and medicine, and the history of California agriculture. Open only by appointment. A wreath making workshop is also available.

Squaw Valley Herb Gardens  
31765 East Kings Canyon Road  
Squaw Valley, CA 93675  
Phone: (559) 332-2909  
Toll free: (800) 579-8043  
E-mail: [rosemary@squawvalleyherbgardens.com](mailto:rosemary@squawvalleyherbgardens.com)  
Website: [www.squawvalleyherbgardens.com](http://www.squawvalleyherbgardens.com)

### **Sunol Ag Park**

The Sunol Ag Park integrates sustainable agriculture, natural resource stewardship, and public education about the agricultural, natural, and cultural resources of the Sunol Valley. During the field trip, students have the opportunity to experience a working organic farm, interact with farmers, and explore the farm and its surrounding riparian area.

Sustainable Agriculture Education  
David Brower Center  
2150 Allston Way, Suite 320  
Berkeley, CA 94704  
Phone: (510) 526-1793  
Fax: (510) 524-7153  
E-mail: [info@sagecenter.org](mailto:info@sagecenter.org)  
Website: [www.sagecenter.org](http://www.sagecenter.org)

### Tanaka Farms

Tanaka Farms is owned and operated by Glenn and Shirley Tanaka and their son Kenny. Farmer Glenn, a third generation Japanese-American, grew up learning farming from both his father and grandfather. His grandfather founded Tanaka Farms in 1941. Tanaka Farms moved into the Irvine area in the 1970s, and it has been in its current 30-acre location since 1998. The farm has expanded from growing produce; it now also focuses on educating the public on the benefits of locally grown products and the importance of healthy eating. Tanaka Farms follows organic farming practices and strives to provide fresh quality, locally grown produce to the community. Tanaka has various seasonal tours.

Tanaka Farms  
5380 3/4 University Drive  
Irvine, CA 92612  
Phone: (714) 968-6588  
E-mail: [TanakaFarms@aol.com](mailto:TanakaFarms@aol.com)  
Website: [www.tanakafarms.com](http://www.tanakafarms.com)

### Turtle Bay Exploration Park

Turtle Bay Exploration Park provides a pleasing learning environment to see, hear, and touch the many aspects of agriculture within California's North State region. This museum and park complex has a summer butterfly house and live animals, and is connected to miles of walking trails and the McConnell Arboretum & Gardens. This collection of indoor and outdoor learning attractions focuses on the Sacramento River watershed, its natural inhabitants, and human history. A variety of programs are available.

Turtle Bay Exploration Park  
840 Sundial Bridge Drive  
Redding, CA 96001  
Toll free: (800) TURTLEBAY  
E-mail: [info@turtlebay.org](mailto:info@turtlebay.org)  
Website: [www.turtlebay.org](http://www.turtlebay.org)

### UC Davis Arboretum Outdoor Education Program

The 100-acre Davis Arboretum is a living museum with collections of exotic and native trees, shrubs, and flowering plants, which are cultivated for scientific and educational purposes. Programs include guided weekend tours, environmental education programs, weekend family programs, field trips, and gardening workshops. Brochures describe self-guided tours, and interpretive signs and plant labels are available. A newsletter is published quarterly, and other publications are published periodically.

UC Davis Arboretum  
University of California  
1 Shields Avenue  
Davis, CA 95616  
Phone: (530) 752-4880  
Fax: (530) 752-5796  
E-mail: [arboretum@ucdavis.edu](mailto:arboretum@ucdavis.edu)  
Website: [arboretum.ucdavis.edu](http://arboretum.ucdavis.edu)

### The UC Davis Children's Garden Program and Ecological Garden

The Children's Garden Program, located at the UC Davis Student Farm, offers spring field trips for school children. The focus is on sustainable agriculture and encourages hands-on participation by all students. The Children's Garden Program also offers workshops to teachers, parents, and volunteers to enhance elementary school garden projects and integrate them into the curriculum.

The UC Davis Children's Garden Program  
University of California, Davis  
One Shields Avenue c/o Plant Sciences  
Davis, CA 95616  
Phone: (530) 752-7033  
Fax: (530) 754-7885  
E-mail: [jchillhouse@ucdavis.edu](mailto:jchillhouse@ucdavis.edu)  
Website: [www.asi.ucdavis.edu](http://www.asi.ucdavis.edu)

### UC Hansen Agricultural Center at the Faulkner Farm/ UC Cooperative Extension

The UC Hansen Agricultural Center (HAC) at the Faulkner Farm and UC Cooperative Extension in Ventura County provide food systems education and promote agricultural literacy through school-based and after-school programs, extenders (such as teachers, volunteers, etc.) and the community. Among the program offerings are 4-H Farm Field Trips, which provide a half-day, hands-on, and standards-aligned educational experience for various age groups (kindergarten, third grade and special education). UC HAC/UC Cooperative Extension also provide a garden-educator workshop series, a garden-based learning library, demonstration gardens for school and home gardeners, and a Master Gardener demonstration garden. The UC Hansen Agricultural Center is open to the public one Saturday morning a month, when workshops and farm/garden tours are offered. The historic landmark, Faulkner Farm, is open for limited viewing by the public several Saturdays each year. All of the programs are free or carry a nominal charge. The CE/HAC staff also provide an exciting agriculture and natural resource journalism program that enables middle and high-school students to research, write, and publish newspaper inserts for other students. The program also features a photography strand incorporating the Junior Master Gardener program. <http://ucanr.edu/sites/hansenagcenter/>

University of California Cooperative Extension  
669 County Square Drive, #100  
Ventura, CA 93003  
Phone: (805) 645-1466  
Website: [www.ceventura.ucdavis.edu](http://www.ceventura.ucdavis.edu)  
Website: [www.groups.ucanr.org/victorygrower](http://www.groups.ucanr.org/victorygrower)

### **University of California Botanical Garden**

The University of California Botanical Garden is located in Strawberry Canyon above the Berkeley campus, overlooking the San Francisco Bay. The Garden's 34 acres contain over 13,000 species and varieties of plants from all over the world. Arranged by region of origin, the garden has outstanding collections of cacti, rhododendrons, Chinese medicinal herbs, Western herbs, and California natives. The sloping site offers excellent views of San Francisco Bay. Docent-lead tours are available throughout the year for children and adult groups. In-school programs are also available.

University of California Botanical Garden  
200 Centennial Drive  
Berkeley, CA 94720  
Phone: (510) 643-2755  
Fax: (510) 642-5045  
E-mail: [garden@berkeley.edu](mailto:garden@berkeley.edu)  
Website: [botanicalgarden.berkeley.edu](http://botanicalgarden.berkeley.edu)

### **University of California Desert Research and Extension Center**

The UC Desert Research and Extension Center presents the FARM SMART Program. The mission of the program is to nurture an awareness of natural and renewable resources including agriculture so they can be conserved, managed, and available for future generations. Each program includes hands-on activities followed by produce harvesting and farm tours on hay wagons. Activities are aligned to the California State Standards of Instruction. Seasonal programs include: "Alfalfa is Ice Cream in the Making" (Dairy Program), "Corn Festival," "My Agrilicious Pyramid," and "Insects... the Good, the Bad, and the Ugly."

University of California Desert Research and Extension Center  
Attn: Nancy Caywood Robertson  
1004 East Holton Road  
El Centro, CA 92243  
Phone: (760) 356-3067 or (520) 560-1119  
E-mail: [nlwade@ucdavis.edu](mailto:nlwade@ucdavis.edu)  
Website: [desertrec.ucdavis.edu](http://desertrec.ucdavis.edu)

### **Yolo Basin Foundation**

The Yolo Basin Foundation works in partnership with the Department of Fish and Game to provide educational opportunities for the public and school groups. Learn about the importance of wetland ecosystems through the demonstration Wetlands and hands-on activities, and take a guided tour of the Yolo Bypass Wildlife Area.

Yolo Basin Foundation  
Post Office Box 943  
Davis, CA 95617  
Phone: (530) 758-1018  
E-mail: [aburris@yolobasin.org](mailto:aburris@yolobasin.org)  
Website: [www.yolobasin.org](http://www.yolobasin.org)

Please contact California Foundation for Agriculture in the Classroom if you know of additional field trip sites for students. They may be added to this list next year.



# Section 4

## Agriculture-Related Books and Websites



California Foundation for  
Agriculture in the Classroom

This section is designed to help educators locate high-quality resources about agriculture. The books and websites were reviewed by CFAITC's Resource Review Committee and are considered suitable for classroom use.





# Agriculture-Related Books

## An Annotated Book List

### Primary Grades PreK–3

#### ► Indicates new for 2013-2014

► Aboff, Marcie. *The Fantastic Fruit Group*. Capstone Press, 2012. This comic style book will help readers understand the various types of fruits, how they are grown, and how they contribute to MyPlate. ISBN 978-1-4296-6090-7

► Aboff, Marcie. *The Great Grains Group*. Capstone Press, 2012. This comic style book will help readers understand the various types of grains, how they are grown, their nutritional content, and how they contribute to MyPlate. ISBN 978-1-4296-6088-4

Adamson, Heather. *A Day in the Life of a Farmer*. Capstone Press, 2003. Spend a day with Farmer Dave in his Midwest farm as he feeds animals, drives a tractor, and brings in the harvest. ISBN 978-0-7368-2283-1

► Adler, Karen. *The Mighty Pomegranate*. Karen Adler Books, 2011. Learn all about the history of the pomegranate and its many nutritional benefits. Included are fun facts, a song and 16 recipes. ISBN 978-0-9679772-6-3

Adler, Karen. *The Story of Raisins*. Karen Adler Books, 2005. This nonfiction story tells how raisins were discovered and how they are grown. ISBN 978-0-9679772-3-2

Aliki. *Corn is Maize*. HarperCollins Children's Books, 1986. The story of how ancient Indian farmers discover a wild grass plant, use it in their lives, and eventually share it with the new settlers of America. ISBN 978-0-06-445026-3

Aliki. *Milk: From Cow to Carton*. HarperTrophy, 1992. Learn how milk travels from cow to farmer to container. ISBN 978-0-06-445111-6

Allen, Judy and Tudor Humphries. *Are You a Ladybug?* Kingfisher, 2000. This book introduces preschoolers to the world of the ladybug and how it undergoes metamorphosis. ISBN 978-0-7534-5603-3

► Allsop, Marcus. *We Like to Help Cook*. Hohm Press, 2007. Students will learn how to prepare healthy meals as part of a healthy diet in this bi-lingual book. ISBN 978-1-890772-70-3

► Amstutz, Lisa J. *Which Seed Is This?* Capstone Press, 2012. Seeds come in many shapes and sizes. Through the picture book, learn which seeds will grow into which fruits, vegetables, or flowers. ISBN 978-1-4296-7552-9

Anderson, Catherine. *Apple Orchard*. Heinemann Library, 2005. Take a field trip to an apple orchard and learn how apples are picked and how they find their way to the store. ISBN 978-1-4034-6159-9

Anderson, Catherine. *Bread Bakery*. Heinemann Library, 2005. Take a field trip to a bread bakery and learn how bread is made. ISBN 978-1-4034-6161-2

Anderson, Susan and JoAnne Buggey. *Pigs: An A to Z Book*. Northwest Arm Press, 2009. This colorful book uses farm photographs to help students learn about pigs and pork, while they practice their ABCs. ISBN 978-1-926781-00-6

Anderson, Susan and JoAnne Buggey. *Soybeans: An A to Z Book*. Northwest Arm Press, 2008. This colorful book uses soybeans to help students learn where their food comes from, while they practice their ABCs. ISBN 978-0-9811335-1-5

Anthony, Joseph. *In a Nutshell*. Dawn Publications, 1999. This book offers a look into the ecological cycle of an acorn tree and its impact on mankind. ISBN 978-1-883220-98-3

Anthony, Joseph. *The Dandelion Seed*. Dawn Publications, 1997. A dandelion's journey is filled with challenge, wonder, and beauty. Follow the life cycle of this small and resilient seed. ISBN 978-1-883220-67-9

Anton, William. *Corn: From Farm to Table*. Newbridge Educational Publishing, 2007. This basic book teaches you about corn from planting to the uses of corn. ISBN 978-1-56784-468-9

Appelt, Kathi. *Watermelon Day*. Henry Holt and Company, 1996. A young girl watches a watermelon's growth all summer, waiting for it to ripen. ISBN 978-0-8050-2304-6

April, Elyse. *We Like to Eat Well*. Hohm Press, 2007. A book that shares why what we eat is important for good health. ISBN 978-1-890772-96-3

April, Elyse. *We Like to Eat Well/Nos Gusta Comer Bien*. Hohm Press, 2009. A bilingual book that shares why what we eat is important for good health. ISBN 978-1-890772-96-3

Arnold, Marsha Diane. *Prancing, Dancing Lily*. Dial Books for Young Readers, 2004. This whimsical picture book stars an Ayrshire dairy cow who will soon inherit the position of "Bell Cow," the leader of the herd. ISBN 978-0-8037-2823-3

## Primary (Grades PreK-3)

► Auch, Mary Jane and Herm. *The Plot Chickens*. Holiday House, 2009. This entertaining story will teach young readers the steps necessary to write and publish a book. ISBN 978-0-8234-2087-2

Ayres, Katherine. *Up, Down, and Around*. Candlewick Press, 2007. When two children help plant a garden, they learn that peppers grow up, potatoes grow down, and pumpkin vines twine around and around. ISBN 978-0-7636-4017-0

Azarian, Mary. *A Farmer's Alphabet*. David R. Godine, 2004. A noteworthy picture book depicting an older, agrarian way of life. ISBN 978-0-87923-397-6

Azarian, Mary. *A Gardener's Alphabet*. Houghton Mifflin Company, 2005. Using her unique artwork, Azarian shares with the viewer her love of gardens, both vegetable and flower. ISBN 978-0-618-54881-1

Baldwin, Robert F. *This is the Sea that Feeds Us*. Dawn Publications, 1998. This book explores the oceans' food chain that reaches all the way to whales and human beings in an intricate web. ISBN 978-1-883220-70-9

Barner, Bob. *Bugs! Bugs! Bugs!* Chronicle Books, 1999. The simple text with vibrant colors provides young readers a positive spin to the bugs they see around their garden and home. ISBN 978-0-8118-2238-1

Barraclough, Sue. *Animals on the Farm*. Raintree, 2006. Learn the sights and sounds of typical farm animals by reading this simple text accompanied by colorful photographs. ISBN 978-1-4109-1904-5

Basel, Roberta. *From Cane to Sugar*. Capstone Press, 2006. Through colorful photographs and text learn how sugarcane is grown and processed into the sugar we eat. ISBN 978-0-7368-4283-9

Basel, Roberta. *From Corn to Cereal*. Capstone Press, 2006. Follow the journey of cereal from corn to the table. ISBN 978-0-7368-4284-6

Basel, Roberta. *From Milk to Cheese*. Capstone Press, 2006. Follow the journey of cheese, from the milk of a cow to a factory for processing. ISBN 978-0-7368-4285-3

Basel, Roberta. *From Tomato to Ketchup*. Capstone Press, 2006. Learn through simple text and colorful photographs how tomatoes are processed into a favorite condiment. ISBN 978-0-7368-4286-0

Bass, Jules. *Herb, the Vegetarian Dragon*. Barefoot Books, 2005. In this light-hearted book, readers see that people with various eating preferences can learn to co-exist in the same community. ISBN 978-1-902283-36-4

Bauer, David. *Mi Manzano/My Apple Tree*. Yellow Umbrella Books, 2006. Written in both English and Spanish, this collection of simple text and photos presents the life cycle of an apple tree. ISBN 978-0-7368-6010-9

Beadle, David. *The Day the Trash Came Out to Play*. Ezra's Earth Publishing, 2004. This book uses imagination to share the message about recycling and preventing litter. ISBN 978-0-9727855-0-1

Bently, Dawn. *Buzz-Buzz, Busy Bees*. Simon & Schuster, 2004. This touch-and-feel book shows a bee buzzing around visiting his farm animals. ISBN 978-1-4169-0503-5

Berger, Melvin. *A Butterfly is Born*. Newbridge Educational Publishing, 2007. In this book, read about the life cycle of a butterfly. ISBN 978-1-4007-6220-0

Berger, Melvin. *An Apple a Day*. Newbridge Educational Publishing, 2007. Through this early science reader, learn about how apples grow, get processed, and are stored. ISBN 978-1-4007-6355-9

Berger, Melvin. *From Peanuts to Peanut Butter*. Newbridge Educational Publishing, 2007. In this book, read about the process from seed to how peanuts become peanut butter. ISBN 978-1-4007-6166-1

Berger, Melvin. *Pasta, Please*. Newbridge Educational Publishing, 2007. This basic book about pasta shows the steps to make pasta from wheat to flour and to the table. ISBN 978-1-4007-6328-3

Berger, Melvin. *You Are What You Eat*. Newbridge Educational Publishing, 2007. In this early science reader, find out the food groups the body needs and their importance to body functions. ISBN 978-1-4007-6428-0

Blackaby, Susan. *Water Wise*. Picture Window Books, 2009. After hearing the drip, drip, drip of the bathroom faucet, Kelly decides it is up to her to teach her brother about the water cycle and how to conserve water. ISBN 978-1-4048-5260-0

Blaisdell, Molly. *The Grass Patch Project*. Picture Window Books, 2008. Jason's classmates agree that a grass patch project is the best idea for their school's Earth Day contest. ISBN 978-1-4048-2292-4

Bodach, Vijaya Khisty. *Flowers*. Capstone Press, 2007. Describes different types of flowers, plant parts, and some that we cook and eat. ISBN 978-0-7368-6342-1

Bodach, Vijaya Khisty. *Fruits*. Capstone Press, 2007. Describes different types of fruit, their function, and some that we eat fresh. ISBN 978-0-7368-9620-7

Bodach, Vijaya Khisty. *Leaves*. Capstone Press, 2007. Describes photosynthesis, different types of leaves, and some leaves that humans or animals eat. ISBN 978-0-7368-6344-5

Bodach, Vijaya Khisty. *Roots*. Capstone Press, 2007. Describes different types of roots, how they help the plant get food, and some that we eat. ISBN 978-0-7368-6345-2

Bodach, Vijaya Khisty. *Seeds*. Capstone Press, 2007. Describes how seeds are spread, what they need to grow into plants, and some that are good to eat. ISBN 978-0-7368-9623-8

Bodach, Vijaya Khisty. *Stems*. Capstone Press, 2007. Describes different types of stems and how they transport food for the plant from the leaves and roots to the whole plant. ISBN 978-0-7368-6347-6

► Bracken, Beth. *Henry Helps Plant a Garden*. Capstone, 2013. Spend a day with Farmer Dave in his Midwest farm as he feeds animals, drives a tractor, and brings in the harvest. ISBN 978-1-4048-7305-6

► Brady, Peter. *Tractors in Action*. Capstone Press, 2012. This book, shows readers the history of tractors and how they are used in farming today. ISBN 978-1-4296-7693-9

Brennan, Martin. *I Saw it in the Garden*. Mitten Press, 2006. A story about the plants and creatures in a garden. ISBN 978-1-58726-296-8

Brett, Jan. *Armadillo Rodeo*. Puffin Books, 1995. Read this whimsical story about rodeos and how they are a part of our nation's culture. ISBN 978-0-14-240125-5

Brown, Margaret Wise. *Big Red Barn*. HarperCollins Publishers, 1999. Meet the horses, sheep, goats, geese, and a jaunty old scarecrow that all live in the big red barn. ISBN 978-0-590-44245-9

Bullard, Lisa. *Brown Food Fun*. Capstone Press, 2006. Text written for reading along, reading aloud or reading alone accompanies colorful photos of brown foods. ISBN 978-0-7368-5380-4

Bullard, Lisa. *Green Food Fun*. Capstone Press, 2006. Text written for reading along, reading aloud or reading alone accompanies colorful photos of green foods. ISBN 978-0-7368-5381-1

Bullard, Lisa. *Leaves Fall Down: Learning About Autumn Leaves*. Picture Window Books, 2011. This story explains why leaves change color in autumn. ISBN 978-1-4048-6013-1

Bullard, Lisa. *Orange Food Fun*. Capstone Press, 2006. Text written for reading along, reading aloud, or reading alone accompanies colorful photos of orange foods. ISBN 978-0-7368-5382-8

Bullard, Lisa. *Red Food Fun*. Capstone Press, 2006. Text written for reading along, reading aloud, or reading alone accompanies colorful photos of red foods. ISBN 978-0-7368-5383-5

Bullard, Lisa. *White Food Fun*. Capstone Press, 2006. Text written for reading along, reading aloud, or reading alone accompanies colorful photos of white foods. ISBN 978-0-7368-5384-2

Bunting, Eve. *Flower Garden*. Voyager Books, 2000. Helped by her father, a young girl prepares a flower garden as a birthday surprise for her mother. ISBN 978-0-15-202372-0

Bunting, Eve. *Market Day*. HarperCollins Publishing, 1996. Young children in Ireland observe farm animals and crops when they visit a country fair on market day. ISBN 978-0-06-443517-8

Bunting, Eve. *One Green Apple*. Clarion Books, 2006. Coming from another country, the new kid in school learns at an apple farm that her language is not that different. ISBN 978-0-618-43477-0

Bunting, Eve. *Sunflower House*. Voyager Books, 1999. A young boy creates a summer playhouse by planting sunflowers and saves the seeds to make another house the next year. ISBN 978-0-15-201952-5

Burckhardt, de Ann L. *Calabazas*. Capstone Press, 1999. This book, with Spanish text, shows the growing and harvesting of pumpkins. ISBN 978-1-56065-786-6

Burckhardt, de Ann L. *Manzanas*. Bridgestone Books, 1998. This book, with Spanish text, shows the growing and harvesting of apples. ISBN 978-1-56065-785-9

► Butterworth, Chris. *How Did That Get in My Lunchbox? The Story of Food*. Candlewick Press, 2011. In this clearly written and beautifully illustrated book, author Chris Butterworth takes a clear, engaging look at the steps involved in producing some common foods. Healthy tips and a peek at basic food groups complete the menu. ISBN 978-0-7636-5005-6

Cabrera, Jane. *Old MacDonald had a Farm*. Holiday House, 2007. Old MacDonald has a farm, a horse, some sheep, and a big surprise in this sing-a-long picture book. ISBN 978-0-8234-2141-1

Chambers, Catherine. *Rain and Life in a Nigerian Village*. Capstone Press, 2010. A book on how a village in Nigeria uses rain to grow food. ISBN 978-1-4296-5507-1

► Chaney, Sheridan and Rianna. *Mini Milk Maids on the Mooove*. Down Under Publications, 2009. The Chaney twins, living on a farm with their parents, walk readers through all aspects of a working dairy operation. ISBN 978-0-9818468-1-1

Cherry, Lynne. *How Groundhog's Garden Grew*. The Blue Sky Press, 2003. Little Groundhog loves to eat the fresh vegetables he finds in his neighbor's garden, until one day he makes a friend who teaches him the joy of planting a garden of his own. ISBN 978-0-439-32371-0

## Primary (Grades PreK-3)

Chrimer, Melanie. *Phoebe Clappsaddle and the Tumbleweed Gang*. Pelican Publishing Company, 2002. In Texas, Phoebe the rancher teaches the Tumbleweed Gang some manners. ISBN 978-1-56554-966-1

Christian, Eleanor and Lyzz Roth-Singer. *Let's Make Butter*. Capstone Press, 2000. This emerging reader with colorful photographs show where butter comes from and how it is made. ISBN 978-0-7368-0728-9

Church, Caroline Jayne. *Ping Pong Pig*. Holiday House, 2008. Students will squeal with laughter at this tale about working together, starring a mischievous pig who thinks he can fly. ISBN 978-0-8234-2176-3

Cipriano, Jeri. *Harvest Time*. Capstone Press, 2004. Learn how pumpkins, wheat, potatoes, and apples are harvested. ISBN 978-0-7368-2885-7

► Clay, Kathryn. *Chickens*. Capstone, 2013. Life science of chickens. ISBN 978-1-4296-8650-1

► Clay, Kathryn. *Farm Dogs*. Capstone, 2013. Life science of farm dogs. ISBN 978-1-4296-8651-8

► Clay, Kathryn. *Goats*. Capstone, 2013. Life science of goats. ISBN 978-1-4296-8649-5

► Coatney, Kathy. *Beekeeper Pat and the Amazing Dancing Bees*. Kathy Coatney, 2012. Beekeeper Pat is an insect guy. Text with photographs of Beekeeper Pat and his amazing dancing bees tell the story of the important work bees do. ISBN 978-1-4791-4004-6

► Coatney, Kathy. *Four Quarts Makes a Gallon*. CreateSpace Independent Publishing, 2012. For more than 70 years, Farmer John has been a cow guy. Not much surprises him any more, except for the day quadruplet cows were born on his dairy. ISBN 978-1-4781-2330-9

Colburn, Cherie Foster. *Our Shadow Garden*. Bright Sky Press, 2010. When a beloved grandmother becomes ill and unable to be out in the sun, her creative grandchild transforms her garden into a night garden with special plants that sleep when the sun is high. ISBN 978-1-933979-69-4

Cole, Henry. *Jack's Garden*. HarperTrophy, 1997. Shows what happens in Jack's garden after he plants seeds. ISBN 978-0-688-15283-3

Cole, Joanna and Bruce Degen. *The Magic School Bus: Inside a Beehive*. Scholastic Inc, 1998. When the Magic School Bus turns into a beehive, Ms. Frizzle's students change into honey bees. They must gain entry into a hive so they can see firsthand just how the workers, drones, and queen bee live together. ISBN 978-0-590-25721-3

Compestine, Ying Chang. *The Story of Paper*. Holiday House, 2003. Learn about the accidental creation of paper when Ting, Pan, and Kuai try to create something for their teachers to write on. ISBN 978-0-8234-1705-6

Cooney, Barbara. *Miss Rumphius*. Puffin Books, 1985. Great-aunt Rumphius was once a little girl who loved the sea, longed to visit faraway places, and wished to do something to make the world more beautiful. ISBN 978-0-14-050539-9

Cooper, Elisha. *Farm*. Scholastic, 2010. Describes the activities throughout the year on a busy family farm. ISBN 978-0-545-07075-1

Cowley, Joy. *The Rusty, Trusty Tractor*. Boyds Mills, 2000. Tractor salesman Mr. Hill, tries to convince Micah's grandfather that his old tractor has seen better days. ISBN 978-1-56397-565-3

Cowley, Joy. *Where Horses Run Free*. Boyds Mills Press, 2003. A story about a cowboy who discovers wild mustangs have been captured and wants to set them free. ISBN 978-1-59078-062-6

Coy, John. *Two Old Potatoes and Me*. Alfred A. Knopf, 2003. A father and daughter plant two old potatoes they found in a cupboard and learn how this vegetable grows. ISBN 978-0-375-92180-3

► Craig, Lindsey. *Farmyard Beat*. Knopf Books for Young Readers, 2011. When the sun goes down, the animals stay up having a farmyard dance party. Learn what happens when the animals wake up Farmer Sue in this colorful story. ISBN 978-0-375-86455-1

Dahl, Michael. *Eggs and Legs: Counting by Twos*. Picture Window Books, 2005. Two by two, find out where the eggs have gone and learn a little more about the farm. ISBN 978-1-4048-1114-0

Davis, Aubrey. *The Enormous Potato*. Kids Can Press, 1997. See what happens when a farmer plants a potato eye. Who can pull it out of the ground? ISBN 978-1-55074-386-9

Davis, Heather and Juleah Tolosky. *The Empire State Investigator: The Applesauce Bandit*. New York Agriculture in the Classroom, 2009. Lily and Ty become super sleuths as they search for the Applesauce Bandit. Along the way, they learn the many steps involved in producing this tasty treat. ISBN 978-0-9819679-0-5

de Las Casas, Dianne. *The Gigantic Sweet Potato*. Pelican Publishing, 2010. Join Ma Farmer in growing a sweet potato from the market to needing help picking, so she can make her sweet potato pie. ISBN 978-1-58980-755-6

► de Paola, Tomie. *The Popcorn Book*. Holiday House, 2012. Facts and a brief history about the uses of popcorn. ISBN 978-0-8234-0533-6

Demi. *One Grain of Rice*. Scholastic Inc, 1997. This mathematical folktale illustrates the concept of doubling, using rice as the example. ISBN 978-0-590-93998-0

deRubertis, Barbara. *Count on Pablo*. Kane Press, 1999. Pablo uses math while he helps pick, clean, and sell vegetables at the farmers market. ISBN 978-1-57565-090-6

► Dickmann, Nancy. *Dairy (Healthy Eating with MyPlate)*. Heinemann-Raintree, 2012. In this book, learn about milk, the products that are made from milk, and their nutritional benefits. ISBN 978-1-4329-6984-6

► Dickmann, Nancy. *Fruits (Healthy Eating with MyPlate)*. Heinemann-Raintree, 2012. In this book, learn about the different types of fruits, how they are grown and their nutritional benefits. ISBN 978-1-4329-6973-0

► Dickmann, Nancy. *Grains (Healthy Eating with MyPlate)*. Heinemann, 2012. In this book, learn about the different types of grains, how they are grown and their nutritional benefits. ISBN 978-1-4329-6975-7

► Dickmann, Nancy. *Protein (Healthy Eating with MyPlate)*. Heinemann-Raintree, 2012. In this book, learn about where meat, fish, eggs, beans, and nuts all come from and their nutritional benefits. ISBN 978-1-4329-6976-5

► Dickmann, Nancy. *Vegetables (Healthy Eating with MyPlate)*. Heinemann-Raintree, 2012. In this book, learn about vegetables and their nutritional benefits. ISBN 978-1-4329-6974-9

DiSalvo-Ryan, DyAnne. *City Green*. HarperCollins, 1994. In the middle of a city block, Marcy converts a vacant lot into a community garden. ISBN 978-0-688-12786-2

Dodd, Emma. *I Love Bugs!* Holiday House, 2010. Easy-to-read text celebrates the many kinds of bugs that can be found in a backyard or garden. ISBN 978-0-8234-2280-7

Doeden, Matt. *Farm Tractors*. Capstone Press, 2007. Learn how tractors pull farm machines to help farmers plant and harvest their crops. ISBN 978-0-7368-6721-4

Dorros, Arthur. *Ant Cities*. HarperTrophy, 1988. This nonfiction book with colorful illustrations describes the activities that occur in an ant colony. ISBN 978-0-06-445079-9

► Doyle, Sheri. *Cows*. Capstone, 2013. Life science of cows. ISBN 978-1-4296-8646-4

► Doyle, Sheri. *Horses*. Capstone, 2013. Life science of horses. ISBN 978-1-4296-8648-8

► Doyle, Sheri. *Pigs*. Capstone, 2013. Life science of pigs. ISBN 978-1-4296-8647-1

Driscoll, Laura. *Apples and How They Grow*. Grosset & Dunlap, 2003. Find out how an apple seed grows into an apple tree in this beginning reader. ISBN 978-0-448-43275-5

Driscoll, Laura. *George Washington Carver: The Peanut Wizard*. Grosset & Dunlap, 2003. This student-friendly book teaches children about George Washington Carver and his impact on agriculture through peanuts. ISBN 978-0-448-43243-4

Duffield, Katy. *Farmer McPeepers and His Missing Milk Cows*. Rising Moon, 2003. Farmer McPeeper cannot find his milk cows so he tours the town in a wacky adventure. ISBN 978-0-87358-825-6

Ehlert, Lois. *Eating the Alphabet: Fruits and Vegetables from A to Z*. Voyager Books, 1993. An alphabetical tour of the world of fruits and vegetables from apricot and artichoke to yam and zucchini. ISBN 978-0-15-224436-1

Ehlert, Lois. *Leaf Man*. Harcourt Children's Books, 2005. Collages made from leaves illustrate the journey that the leaf man takes as he goes where the wind blows. ISBN 978-0-15-205304-8

Ehlert, Lois. *Market Day*. Harcourt, Inc, 2000. This story, told with folk art, shows what a family does at the farmers market in town square. ISBN 978-0-15-202158-0

Ehlert, Lois. *Pie in the Sky*. Harcourt, Inc, 2004. A colorful blend of poetry and unique graphics encourages children to explore how a cherry tree provides interesting habitats for birds, insects, and food for people. ISBN 978-0-15-216584-0

Ehlert, Lois. *Planting a Rainbow*. Voyager Books, 1992. A mother and child plant a rainbow of flowers in the family garden. ISBN 978-0-15-262610-5

► Elffers, Joost and Saxton Freymann. *Fast Food*. Arthur A. Levine Books, 2006. This picture book engages students with sculpted fruits and vegetables depicting modes of transportation. ISBN 978-0-439-11019-8

Elffers, Joost and Saxton Freymann. *Food for Thought*. Arthur Levine Books, 2005. Shapes, colors, numbers, letters, and opposites are introduced using whimsical sculptures made out of fresh fruits and vegetables. ISBN 978-0-439-11018-1

► Elliott, David. *On the Farm*. Candlewick Press, 2012. From the bull to the pony to the farmers dog, the farmyard bustles with life. Learn about the different animals on the farm in this picture book. ISBN 978-0-7636-5591-4

Evangelista, Gloria. *In Search of the Perfect Pumpkin*. Fulcrum Publishing, 2001. Share the adventures of the Pucci family as they search for the perfect pumpkin only to find it in their backyard. ISBN 978-1-55591-994-8

## Primary (Grades PreK-3)

Farmer, Jacqueline. *Apples*. Charlesbridge, 2007. This educational book features the history, uses, and anatomy of apples. Also includes recipes and nutritional information. ISBN 978-1-57091-694-6

Farmer, Jacqueline. *Bananas!* Charlesbridge, 1999. Learn how bananas grow, which animals eat bananas, how bananas make the long journey to your breakfast table, and much more. ISBN 978-0-88106-115-4

Farmer, Jacqueline. *Pumpkins*. Charlesbridge, 2004. This book introduces the pumpkin plant, including its anatomy, growth cycle, and historical importance. ISBN 978-1-57091-557-4

Finn Borgo, Lacy. *Big Mama's Baby*. Boyds Mills Press, 2007. A story about raising a baby cow and the trouble it can get into. ISBN 978-1-59078-187-6

Flatt, Lizann. *Life in a Farming Community*. Crabtree Publishing, 2010. Find out what it is like to live in a farming community. ISBN 978-0-7787-5084-0

► Formento, Alison. *These Bees Count!* Albert Whitman & Company, 2012. This simple book illustrates the work that bees do to produce agricultural commodities. ISBN 978-0-8075-7868-1

Fowler, Allan. *It Could Still Be a Worm*. Scholastic Library Publishing, 1996. Informational text about worms including colorful photographs and large print for the young reader. ISBN 978-0-516-20217-4

Fredericks, Anthony D. *On One Flower: Butterflies, Ticks and a Few More Icks*. Dawn Publications, 2006. This vibrantly illustrated book features scientific information and rhyming text. A useful appendix includes "field notes" and contact information for insect-related organizations. ISBN 978-1-58469-087-0

French, Vivian. *Caterpillar, Caterpillar*. Candlewick Press, 1993. A girl learns about caterpillars and butterflies as she watches her grandfather grow them on nettles in his garden. Includes CD. ISBN 978-0-7636-4002-6

French, Vivian. *Yucky Worms*. Candlewick Press, 2009. Find out where worms live, how they move, and why gardeners consider them friends, even if they are wiggly and slimy. ISBN 978-0-7636-4446-8

Fridell, Ron and Patricia Walsh. *Life Cycle of a Pumpkin*. Heinemann Library, 2001. Learn how leaves protect pumpkins, how large they can grow, and look inside of them. ISBN 978-0-431-08460-2

Friedrich, Elizabeth. *Leah's Pony*. Boyds Mills Press, 1996. This book is about a girl, her pony, and how she saved her family's farm. ISBN 978-1-56397-828-9

Ganeri, Anita. *From Bean to Bean Plant*. Heinemann Library, 2006. Find out how beans grow, what a bean pod is, and how insects help bean plants grow. ISBN 978-0-431-05089-8

Gardella, Tricia. *Casey's New Hat*. Houghton Mifflin, 1997. Casey, in search of a perfect hat, accompanies Dad on a day of buying supplies and doing ranch chores. ISBN 978-0-395-72035-6

► Garland, Michael. *Grandpa's Tractor*. Boyds Mills Press, 2011. Grandpa Joe shares memories of his family's farm with his grandson Timmy, including memories of his father's red tractor. ISBN 978-1-59078-762-5

Geisert, Bonnie and Arthur Geisert. *Prairie Town*. Houghton Mifflin Company, 1998. Enter a prairie town and explore the social and economic life of this community from the aspects of farmers and townspeople. ISBN 978-0-395-85907-0

Gershator, David and Phillis Gershator. *Bread is for Eating*. Henry Holt, 1998. Mamita explains how bread is produced from seed to flour in a poem/song in both English and Spanish. ISBN 978-0-8050-5798-0

► Ghigna, Charles. *Little Seeds*. Picture Window Books, 2012. This book illustrates planting seeds and how they grow. ISBN 978-1-4048-6790-1

Gibbons, Gail. *Apples*. Holiday House, 2001. Learn about apple production in this colorful, simple-to-read book. ISBN 978-0-8234-1669-1

Gibbons, Gail. *Chicks and Chickens*. Holiday House, 2005. This picture book describes how chickens are raised and for what purposes, as well as how chicks develop in the egg, and how they digest food. ISBN 978-0-8234-1939-5

Gibbons, Gail. *Corn*. Holiday House, 2008. This book offers information about the history of corn as well as details concerning planting, cultivating, harvesting, and its many uses. ISBN 978-0-8234-2169-5

Gibbons, Gail. *Farming*. Holiday House, 1990. An introduction to farming and the work done on a farm throughout the seasons. ISBN 978-0-8234-0797-2

Gibbons, Gail. *From Seed to Plant*. Holiday House, 1993. Learn the science of seeds and how they grow into flowers, trees, and other plants. ISBN 978-0-8234-1025-5

► Gibbons, Gail. *Horses!* Holiday House, 2003. History and facts about horses. ISBN 978-0-8234-1703-2

Gibbons, Gail. *Ice Cream: The Full Scoop*. Holiday House, 2008. Mouths will water as readers follow ice cream's journey from farm to factory to freezer. ISBN 978-0-8234-2155-8

Gibbons, Gail. *Pigs*. Holiday House, 2000. This book outlines the characteristics, habits, and uses of pigs. ISBN 978-0-8234-1554-0

Gibbons, Gail. *The Berry Book*. Holiday House, 2002. This nonfiction book introduces students to different types of berries, and explains how varieties are cultivated and harvested. Includes recipes for blackberry jam, blueberry pie, and raspberry ice cream. ISBN 978-0-8234-1697-4

Gibbons, Gail. *The Honey Makers*. HarperTrophy, 2000. Learn how thousands of bees work together to make hives and honey. ISBN 978-0-688-17531-3

Gibbons, Gail. *The Milk Makers*. Aladdin, 1987. Text and pictures explain how cows produce milk and how it is processed before being delivered to stores. ISBN 978-0-689-71116-9

Gibbons, Gail. *The Pumpkin Book*. Holiday House, 2000. The life cycle of the pumpkin is clearly depicted in this picture book. How pumpkins are used at Thanksgiving and Halloween is also discussed. ISBN 978-0-8234-1636-3

Gibbons, Gail. *The Seasons of Arnold's Apple Tree*. Globe Pequot Press, 1991. Drawings and text show a young boy's apple tree as it grows and changes throughout the year. ISBN 978-0-15-271245-7

Gibbons, Gail. *The Vegetables We Eat*. Holiday House, 2008. Enjoy a wealth of information about a variety of vegetables, from how they are planted to how they get to stores. ISBN 978-0-8234-2153-4

Giesecke, Ernestine. *Forest Plants*. Heinemann Library, 1999. Discover what skunk cabbage is, if ferns have seeds, and why leaves are green. ISBN 978-1-4034-0528-9

Giesecke, Ernestine. *Pond Plants*. Heinemann Library, 1999. Discover what kind of animal likes to eat cattails, what is special about the stems of lily pads, and what kind of pond plant eats little insects. ISBN 978-1-4034-0530-2

Giesecke, Ernestine. *River Plants*. Heinemann Library, 1999. Discover if mosses have roots, where birds like to build their nests by the river, and how the river helps spread the willow tree's seeds. ISBN 978-1-4034-0531-9

Giesecke, Ernestine. *Seashore Plants*. Heinemann Library, 1999. Discover what a taproot is, what kind of pea grows at the seashore, and how plants help the sand dunes. ISBN 978-1-4034-0532-6

Giesecke, Ernestine. *Wetland Plants*. Heinemann Library, 1999. Discover how many kinds of wetlands exist, why Venus flytraps eat insects and spiders, and where cranberries grow. ISBN 978-1-4034-0529-6

Glaser, Linda. *Garbage Helps our Garden Grow*. Millbrook Press, 2010. An introductory book about making compost. ISBN 978-0-7613-4911-2

Godwin, Sam. *A Seed in Need*. Picture Window Books, 2001. Follow the life cycle of a sunflower seed in this colorful book. ISBN 978-1-4048-0920-8

Gonzalez, Lydia A. and Valentin Gonzalez. *Discoveries in the San Joaquin Valley Grapevines*. Trafford.com, 2007. A seven-year-old girl assists her older brother picking grapes in the San Joaquin Valley and lets her imagination take over. ISBN 978-1-4251-7566-5

Gourley, Robbin. *Bring Me Some Apples and I'll Make You a Pie: A Story About Edna Lewis*. Clarion Books, 2008. Learn how Edna Lewis became a famous African-American chef known for her traditional Southern cuisine. ISBN 978-0-618-15836-2

Graham, Pamela. *Big Red Tomatoes*. National Geographic, 2001. Learn the unique life cycle of the tomato in this early science reader. ISBN 978-0-7922-9221-0

Graham, Pamela. *Peanuts*. National Geographic, 2001. Learn how farmers grow peanuts you can buy at the store in this early reader. ISBN 978-0-7922-8963-0

► Grigsby, Susan. *First Peas to the Table: How Thomas Jefferson Inspired a School Garden*. Albert Whitman & Company, 2012. A story about how Maya and her classmates have a contest involving growing peas in the school garden, modeled after the contest Thomas Jefferson had each spring with his neighbors. ISBN 978-0-8075-2452-7

Grigsby, Susan. *In the Garden with Dr. Carver*. Albert Whitman & Company, 2010. A story about how George Washington Carver comes to Alabama and teaches school kids about plants. ISBN 978-0-8075-3630-8

Guest, C. Z. *Tiny Green Thumbs*. Hyperion Books for Children, 2000. Tiny Bun uses things in the garden shed to grow a vegetable garden with Granny Bun. ISBN 978-0-7868-0516-7

Guillain, Charlotte. *Spot the Difference: Flowers*. Heinemann Library, 2008. This book introduces children to the parts of a flower using intriguing photos of a variety of plants to provide child-friendly examples. ISBN 978-1-4329-0952-9

Guillain, Charlotte. *Spot the Difference: Fruits*. Heinemann Library, 2008. This book introduces children to the anatomy of fruit using intriguing photos of a variety of fruits to provide child-friendly examples. ISBN 978-0-431-19233-8

Guillain, Charlotte. *Spot the Difference: Leaves*. Heinemann Library, 2008. This book introduces children to the anatomy and function of leaves using intriguing photos of a variety of plants to provide child-friendly examples. ISBN 978-1-4329-0951-2

## Primary (Grades PreK-3)

Guillain, Charlotte. *Spot the Difference: Seeds*. Heinemann Raintree, 2008. Learn about seeds and how they are different from plant to plant. ISBN 978-0-431-19232-1

Guillain, Charlotte. *Spot the Difference: Stems*. Heinemann Library, 2008. This book introduces children to stems using intriguing photos of a variety of plants to provide child-friendly examples. ISBN 978-1-4329-0950-5

Gunderson, Jessica. *Friends and Flowers*. Picture Window Books, 2008. This science book blooms flowers and friendship through the garden. ISBN 978-1-4048-2291-7

Guthrie, Woody. *This Land is Your Land*. Little, Brown and Company, 2002. This classic folk song is brought to life in this illustrated edition and invites readers to journey across the country to view America's diverse land and people. ISBN 978-0-316-06564-1

Hall, M.C. *John Deere*. Heinemann Library, 2004. Find out what John Deere's childhood was like, what he did before starting his company, and how to find out more about him. ISBN 978-1-4034-5335-8

Hall, Margaret. *Cows and Their Calves*. Capstone Press, 2003. This nonfiction primary reader shows how calves are raised to become mature adults. ISBN 978-0-7368-2105-6

Hall, Margaret. *Peanuts*. Heinemann Library, 2003. Find out where peanuts are grown and what happens to them on their way from the farm to your table. ISBN 978-1-4034-4049-5

Harris, Calvin. *Apple Harvest*. Capstone Press, 2008. This book introduces early readers to subject-specific vocabulary words while having fun learning about how an apple is harvested. ISBN 978-1-4296-0023-1

Harris, Calvin. *Apple Harvest/La Cosecha de Manzanas*. Capstone Press, 2009. This book describes and illustrates the fall apple harvest in both English and Spanish. ISBN 978-1-4296-3259-1

Harris, Calvin. *Pumpkin Harvest/La Cosecha de Calabazas*. Capstone Press, 2009. This book describes and illustrates the fall pumpkin harvest in both English and Spanish. ISBN 978-1-4296-3262-1

Harrison, David L. *Farmer's Garden, Rhymes for Two Voices*. Boyds Mills Press, 2003. Farmer's dog is a curious dog. He wanders through Farmer's garden greeting each creature, fruit, and vegetable he meets with a question. ISBN 978-1-59078-177-7

Hartley, Karen and Chris Macro. *Bee*. Heinemann Raintree, 2006. Learn all about bees, from what they eat to how they move. Features detailed photographs of bees at work. ISBN 978-1-4034-8306-5

Haugen, Brenda. *Unusual Farms*. Compass Point Books, 2004. Learn about some specialized farms such as tree, llama, silkworm, and fish farms. ISBN 978-0-7565-0668-1

Hawkins, Linda J. *Alexander and the Great Berry Patch*. Heart to Heart Publishing, 2011. Learn about Alexander's discovery of berries and their nutritional value. A recipe is included as a bonus. ISBN 978-0-9802486-8-5

Hawkins, Linda J. *Alexander and the Great Food Fight*. Heart to Heart Publishing, 2002. Through this book, readers learn about the benefits of eating fruits, the nutritional values of fruit, the body's use of vitamins and minerals, and get a fruit salad recipe. ISBN 978-1-56311-820-3

Hawkins, Linda J. *Alexander and the Great Vegetable Feud*. Heart to Heart Publishing, 2008. Learn about a boy's discovery of the benefits of vegetables, vegetable's nutritional value, body's use of vitamins/minerals, and get a vegetable recipe. ISBN 978-0-9742806-4-6

Heiligman, Deborah. *Honeybees*. National Geographic Society, 2002. Learn about the fascinating life cycle of the honey bee through scientific text and easy-to-follow diagrams and pictures. Includes a few experiments. ISBN 978-0-7922-6678-5

Heinrichs, Ann. *The Dust Bowl*. Compass Point Books, 2005. This book describes the challenges of farmers and ranchers in the Great Plains during the 1930s. ISBN 978-0-7565-0837-1

Henderson, Kathy. *And the Good Brown Earth*. Candlewick Press, 2003. A patient Gram and her spirited grandson follow the cycle of the seasons as they savor the shared joy of growing things in the garden. ISBN 978-0-7636-3841-2

Hepworth, Catherine. *Antics!* The Putnam Publishing Group, 1996. This colorful, alphabetical anthology describes 26 words, each beginning with a different letter of the alphabet and containing the word "ant." ISBN 978-0-698-11350-3

Hester, Denia. *Grandma Lena's Big 'Ol Turnip*. Albert Whitman & Company, 2005. Grandma Lena grows a turnip so big that she needs help pulling it out of the ground and eating it. ISBN 978-0-8075-3027-6

Hibbert, Clare. *The Life of a Bean*. Raintree, 2004. Describes the life cycle of a bean from seed to bean pod. ISBN 978-1-84443-321-6

Hibbert, Clare. *The Life of a Butterfly*. Raintree, 2004. Describes the life cycle of a monarch butterfly, including metamorphosis from caterpillar to butterfly. ISBN 978-1-4109-0817-9

Hibbert, Clare. *The Life of a Chicken*. Raintree, 2004. Describes the life cycle of a chicken, from egg to broiler or laying hen. ISBN 978-1-84443-308-7



Hibbert, Clare. *The Life of a Sunflower*. Raintree, 2004. Describes the life cycle of a sunflower, from seed to flower. ISBN 978-1-84443-312-4

Hibbert, Clare. *The Life of a Tree*. Raintree, 2004. Describes the life cycle of a maple tree. ISBN 978-1-84443-345-2

Hodge, Deborah. *Up We Grow!* Kids Can Press, Ltd, 2010. Go through the four seasons on a small farm to see how food is grown and animals are raised. ISBN 978-1-55453-561-3

Hoena, B.A. *A Visit to the Farm*. Capstone Press, 2004. Learn farm basics through simple text and colorful photographs. ISBN 978-0-7368-2390-6

Hoena, B.A. *A Visit to the Farm/Una Visita a la Granja*. Capstone Press, 2008. This book describes and illustrates a visit to a farm in both English and Spanish. ISBN 978-1-4296-0082-8

Holub, Joan. *Apple Countdown*. Albert Whitman & Company, 2009. Count down with students on a field trip to an apple farm, where they count cows and ducks and pick different varieties of apples. ISBN 978-0-8075-0398-0

► Holub, Joan. *Pumpkin Countdown*. Albert Whitman, 2012. Count down with students on a field trip to a pumpkin patch, where they count animals in the petting zoo, scarecrows, and different varieties of pumpkins. ISBN 978-0-8075-6660-2

Hopkinson, Deborah and Nancy Carpenter. *Apples to Oregon*. Atheneum, 2004. A tall tale about the obstacles that a father and daughter face while moving with their fruit trees from Iowa to Oregon in the mid-nineteenth century. ISBN 978-0-689-84769-1

Hosta, Dar. *If I Were a Tree*. Brown Dog Books, 2007. Through collages, this book reveals the importance of trees in daily life. Includes tree facts and a diagram illustrating the parts of a tree. ISBN 978-0-9721967-3-4

Hubbell, Will. *Apples Here!* Albert Whitman & Company, 2002. This simple picture book, with a detailed description of the apple life cycle in the back, shares interesting facts of one of the most popular fruits. ISBN 978-0-8075-0397-3

► Hubbell, Will. *Pumpkin Jack*. Albert Whitman and Company, 2012. This simple picture book, provides a detailed description of how in the course of a year, Tim's jack-o-lantern, discarded after Halloween, decomposes in the backyard and grows new pumpkins from its seeds. ISBN 978-0-8075-6666-4

Icenogle, Jodi. *'Til the Cows Come Home*. Boyds Mills Press, 2004. A resourceful cowboy finds a way to use one beautiful piece of leather in a variety of situations, making the piece last 'til the cows come home. ISBN 978-1-59078-800-4

Jackson, Woody. *Counting Cows*. Red Wagon Books, 1999. A whimsical counting book features cows and cow terminology. ISBN 978-0-15-202174-0

James, Felix. *From Field to Florist*. National Geographic, 2001. This nonfiction primary reader shows how flowers get from the field to the florist shop. ISBN 978-0-7922-8736-0

Johnston, Tony. *The Barn Owl*. Charlesbridge, 2001. Through a simple poem, learn what a barn owl does day and night and through the seasons. ISBN 978-0-88106-982-2

Jones, Christianne C. *The Little Red Hen*. Picture Window Books, 2005. The little red hen works hard to grow the wheat and make some bread, but who will help her? ISBN 978-1-4048-0975-8

► Kaemmerlen, Cathy. *The Buzz on Honeybees*. Pelican Publishing Company, 2012. This book will take children on an educational adventure about the lives of honeybees. ISBN 978-1-4556-1457-8

► Kalman, Bobbie. *Farm Animals*. Crabtree Publishing, 2011. Developed for the PreK-K classroom, this colorful book with farm animal pictures is perfect for readers to make real life connections to farm animals and how farmers care for animals every day. ISBN 978-0-7787-9577-3

Kalman, Bobbie. *Hooray for Orchards*. Crabtree Publishing Company, 1997. Through photographs and technical text, this book describes the workings of orchards, the care they need, and the products they produce. ISBN 978-0-86505-667-1

Kalman, Bobbie. *How a Plant Grows*. Crabtree Publishing Company, 1996. Through nonfiction text and colorful photographs, learn how plants grow, and then try a couple of experiments that are listed. ISBN 978-0-86505-728-9

Kalman, Bobbie. *I Eat a Rainbow*. Crabtree Publishing, 2010. Shows colorful fruits and vegetables illustrating a balanced diet comes from every color of the rainbow. ISBN 978-0-7787-9412-7

Kalman, Bobbie. *The Life Cycle of a Butterfly*. Crabtree Publishing Company, 2001. Through colorful photographs, explore the amazing life cycle of the butterfly. ISBN 978-0-7787-0680-9

Kalz, Jill. *An A-MAZE-ing Farm Adventure*. Picture Window Books, 2011. Find the way through a variety of mazes while going through different types of farms. ISBN 978-1-4048-6038-4

Katschke, Judy. *Johnny Tractor and the Big Surprise*. Running Press Kids, 2006. It's spring on the farm and it's time to plant sunflowers, but the seeds are nowhere to be found. Johnny Tractor and Allie Gator search the farm, finally finding a big surprise. ISBN 978-0-7624-2628-7

## Primary (Grades PreK-3)

Keeler, Renee. *Our Pumpkin*. Creative Teaching Press, 1995. A book about how to use math with a pumpkin. ISBN 978-1-57471-002-1

Keller, Kristin Thoennes. *From Apples to Applesauce*. Capstone Press, 2005. Learn how applesauce is made using fresh apples grown in an apple orchard. ISBN 978-0-7368-2633-4

Keller, Kristin Thoennes. *From Maple Trees to Maple Syrup*. Capstone Press, 2004. Learn how maple syrup starts with sap from sugar maple trees, and follow along as the sap is cooked at the sugarhouse and made into maple syrup. ISBN 978-0-7368-2634-1

Keller, Kristin Thoennes. *From Milk to Ice Cream*. Capstone Press, 2005. Follow along as cows are milked, the milk is taken to the dairy, and is made into ice cream. ISBN 978-0-7368-2635-8

Keller, Kristin Thoennes. *From Oranges to Orange Juice*. Capstone Press, 2004. Follow along as oranges from an orange grove are taken to a factory and made into orange juice. ISBN 978-0-7368-2636-5

Keller, Kristin Thoennes. *From Peanuts to Peanut Butter*. Capstone Press, 2004. Through colorful photographs and simple text, learn how peanuts grow and are processed into peanut butter. ISBN 978-0-7368-2637-2

Keller, Kristin Thoennes. *From Wheat to Bread*. Capstone Press, 2005. Learn how bread starts with wheat that is grown on a farm and is milled into flour to make bread. ISBN 978-0-7368-2638-9

Kelly, Irene. *Even an Ostrich Needs a Nest*. Holiday House, 2009. This book shows how birds and their nests can be very different. ISBN 978-0-8234-2102-2

King, Elizabeth. *The Pumpkin Patch*. Puffin Books, 1996. From creamy white seeds to glowing jack-o'-lanterns, this book charts the growth cycle of the ever-popular pumpkin. ISBN 978-0-14-055968-2

King-Smith, Dick. *All Pigs Are Beautiful*. Candlewick Press, 2001. This book explains everything you've always wanted to know about pigs, proving whether they're big, little, gentle or stubborn, all pigs are beautiful. ISBN 978-0-7636-1433-1

Klein, Adria. *Max Goes to the Farm*. Picture Window Books, 2008. Spend a day with Max and his friends at his grandparents' farm. ISBN 978-1-4048-3678-5

Klein, Adria F. *Max Goes to the Farmers' Market*. Picture Window Books, 2009. A simple story about Max and his mom shopping at a farmers market. As they wander through the stalls, Max discovers fresh flowers, fruits, eggs, and vegetables. ISBN 978-1-4048-5263-1

Knight, Bertram T. *From Cow to Ice Cream*. Children's Press, 1997. Through colorful photographs and simple text, take a journey and discover how ice cream is made. ISBN 978-0-516-20361-4

Koontz, Robin. *Apples, Apples Everywhere!* Picture Window Books, 2011. Learn about apple harvests. ISBN 978-1-4048-6012-4

Koontz, Robin. *Composting: Nature's Recyclers*. Picture Window Books, 2007. Dead leaves, food scraps, and grass clippings for lunch? Small animals, fungi, and bacteria, called decomposers, turn trash into a tasty compost treat. Learn more about compost and how you can use it in your garden or yard. ISBN 978-1-4048-2194-1

Koontz, Robin. *Pick a Perfect Pumpkin*. Picture Window Books, 2011. Learn where pumpkins come from and how to harvest them. ISBN 978-1-4048-6011-7

► Koontz, Robin. *Water Goes Round: The Water Cycle*. Capstone Press, 2011. Through simple text and illustrations, learn about the different forms water changes into during the water cycle. ISBN 978-1-4296-5364-0

Kras, Sara Louise. *Paper*. Capstone Press, 2004. Through simple text and photographs, learn how paper products are made from trees. ISBN 978-0-7368-2513-9

Kras, Sara Louise. *Wood*. Capstone Press, 2004. Learn about this natural material and how it is used to make many useful products. ISBN 978-0-7368-2515-3

Kroll, Steven. *The Biggest Pumpkin Ever*. Cartwheel Books, 1993. Two mice raise and harvest a very large pumpkin. ISBN 978-0-590-46463-5

Krudwig, Vickie Leigh. *Cucumber Soup*. Fulcrum Publishing, 1998. This counting picture book, full of whimsical insects, introduces students to many garden critters. ISBN 978-1-55591-380-9

Kurtz, Shirley. *Applesauce*. Good Books, 1992. A family collects apples to make applesauce to eat through winter. Includes applesauce recipe. 1561480657

Kutner, Merrily. *Down on the Farm*. Holiday House, 2005. Down on the farm the animals make all kinds of sounds in a rhyming poem. ISBN 978-0-8234-1985-2

Lanczak-Williams, Rozanne. *We Can Eat the Plants*. Creative Teaching Press, 1994. This book, with simple text, allows students to read about the edible parts of a plant. ISBN 978-0-916119-26-3

Lanczak-Williams, Rozanne. *Whose Forest Is It?* Creative Teaching Press, Inc, 1994. Emergent reader about animals in the forest. ISBN 978-0-916119-29-4

Landman, Tanya. *Mary's Penny*. Candlewick Press, 2010. A farmer devises a competition for his children: the one who can fill the house with something that costs only a penny will inherit his farm. ISBN 978-0-7636-4768-1

Leavell, Chuck and Nicholas Cravotta. *The Tree Farmer*. VSP Books, 2005. This story explains the vital role trees play in our lives, providing us with the wood for our homes, furniture, and other products—and our responsibility to care for them. ISBN 978-1-893622-16-6

► Lee, Sally. *Healthy Snacks, Healthy You!* Capstone Press, 2012. This comic style book will help readers understand the importance of healthy snacks, and how they contribute to MyPlate. ISBN 978-1-4765-3129-8

► Lee, Sally. *The Delicious Dairy Group*. Capstone Press, 2012. This comic style book will help readers understand the various types of dairy products, how they are made, and how they contribute to MyPlate. ISBN 978-1-4296-6092-1

► Lee, Sally. *The Powerful Protein Group*. Capstone Press, 2012. This comic style book will help readers understand the various types of protein, where they come from, and how they contribute to MyPlate. ISBN 978-1-4296-6091-4

► Leedy, Loreen. *The Edible Pyramid*. Holiday House, 2012. This book teaches how to eat healthy, with fun illustrations. ISBN 978-0-8234-2075-9

Keeper, Angela. *Dairy Plant*. Heinemann Library, 2004. Take a field trip to a dairy plant and learn how milk is processed into butter, cheese, and ice cream. ISBN 978-1-4034-5166-8

Levenson, George. *Bread Comes to Life: A Garden of Wheat and a Loaf to Eat*. Tricycle Press, 2004. From the wheat patch to the kitchen, explore the makings of bread with the help of a baker. ISBN 978-1-58246-114-4

Levete, Sarah. *A Tale of One Well in Malawi*. Capstone Press, 2010. A story about the importance of fresh, clean water and how to get water in Malawi. ISBN 978-1-4296-5506-4

► Levete, Sarah. *Food Around the World*. Capstone Press, 2011. A story about how food is grown and where it comes from throughout the world. ISBN 978-1-4296-5539-2

Lin, Grace. *The Ugly Vegetables*. Charlesbridge, 2001. A little girl and her mother grow vegetables rather than beautiful flowers like their neighbors, and she learns to appreciate the tasty soup her mother makes with them. ISBN 978-1-57091-491-1

Lindbergh, Reeve. *Johnny Appleseed*. Megan Tingley, 1993. Rhymed text and illustrations relate the life of John Chapman, whose distribution of apple seeds and trees across the Midwest made him a legend and left a legacy still enjoyed today. ISBN 978-0-316-52634-0

Lindbergh, Reeve. *The Midnight Farm*. Penguin Books, 1995. Secrets of the dark are revealed in this poem describing a farm at midnight. ISBN 978-0-14-055668-1

Lindeen, Carol. *Natural and Human-made*. Capstone Press, 2008. This book illustrates what is made by a natural resource compared to human resources. ISBN 978-1-4296-0001-9

Lindeen, Carol. *Soil Basics*. Capstone Press, 2008. This book illustrates all the components of soil. ISBN 978-1-4296-0003-3

Lindeen, Carol. *Soil Basics/Lo basico de la tierra*. Capstone Press, 2011. This bilingual book illustrates all the components of soil. ISBN 978-1-4296-5347-3

Lindeen, Carol. *Water Basics*. Capstone Press, 2008. This simple text and photographs present water and the water cycle. ISBN 978-1-4296-0005-7

► Lindeen, Mary. *The Story of Corn*. Capstone, 2012. This simple text illustrates corn, its history, and growing process. ISBN 978-1-4296-8641-9

Linderman, Dianne. *My Pony Ride Business*. Kids' Entrepreneurial Books, 2003. Learn how youngsters create their own business and inspire others to do the same. ISBN 978-0-9704876-1-2

Loewen, Nancy. *Busy Buzzers: Bees in Your Backyard*. Picture Window Books, 2003. Scientific information is interspersed with primary-level text to explain interesting and important facts about bees. ISBN 978-1-4048-0143-1

Loewen, Nancy. *Spotted Beetles: Ladybugs in Your Backyard*. Picture Window Books, 2003. Scientific information is interspersed with primary-level text to explain interesting and important facts about ladybugs. ISBN 978-1-4048-0142-4

Longenecker, Theresa. *Who Grows Up on the Farm? A Book About Farm Animals and Their Offspring*. Picture Window Books, 2002. Full-color illustrations and fact-filled text discuss the various kinds of babies that grow up on a farm. Includes factual charts and tables. ISBN 978-1-4048-0029-8

► Lord, John Vernon. *The Giant Jam Sandwich*. Houghton Mifflin, 2009. When millions of wasps invade their village, the town residents decide to use strawberry jam to lure the wasps into their trap. ISBN 978-0-547-15077-2

Lucca, Mario. *Seeds Grow into Plants*. National Geographic, 2001. Observe seeds and what they grow into through colorful photographs and simple text. ISBN 978-0-7922-8710-0

Ludy, Mark. *The Farmer*. Green Pastures Publishing, Inc, 1999. Centered around the farmer, this hard working man shows the importance of patience, perseverance, and faith. ISBN 978-0-9664276-0-8

## Primary (Grades PreK-3)

MacDonald, Margaret Read. *Slop! A Welsh Folktale*. Fulcrum Publishing, 1997. This Welsh folktale shows what a clever man and woman do with their leftover vegetable peelings and dishwasher. Introduces the concept of composting. ISBN 978-1-55591-352-6

MacLachlan, Patricia. *All the Places to Love*. HarperCollins, 1999. A young boy describes the favorite places he shares with his family on his grandfather's farm and nearby countryside. ISBN 978-0-06-021098-4

Maestro, Betsy. *How Do Apples Grow?* HarperTrophy, 1992. Introduce the students to the life cycle of the apple tree through easy illustrations and text. ISBN 978-0-06-445117-8

Mallett, David. *Inch by Inch: The Garden Song*. Scholastic, 2001. This classic folk song celebrates nature in all its bounty with expressive illustrations in picture book format along with the music needed to play or sing this song with instruments and voices. ISBN 978-0-06-443481-2

► Malnor, Carol L. and Trina L. Hunner. *Molly's Organic Farm*. Dawn Publications, 2012. Molly the cat learns about life on an organic farm. ISBN 978-1-58469-167-9

Marshall, Pam. *From Tree to Paper*. Lerner Publications, 2003. Discover how paper is made. ISBN 978-0-8225-0720-8

Marzollo, Jean. *Sun Song*. HarperCollins, 1997. Animals and plants respond to the changing light over the course of a single day. ISBN 978-0-06-443476-8

► Marzollo, Jean. *The Little Plant Doctor: A Story about George Washington Carver*. Holiday House, 2011. Learn how George Washington Carver earned his nickname "The Little Plant Doctor" by studying plants and curing sick plants. ISBN 978-0-8234-2325-5

► Matthies, Janna. *The Goodbye Cancer Garden*. Albert Whitman and Company, 2012. When Janie learns that her mother has cancer she decides to plant a vegetable garden to remind her family that things will get better. The stages of her mom's cancer treatment from operation to chemotherapy are mirrored by the progress of her garden. ISBN 978-0-8075-2994-2

► May, Jack. *Jumpin' Jackie: The Cow that Jumped Over the Moon*. Little Creek Press, 2011. Learn how Jumpin' Jackie overcomes obstacles through hard work and dedication. ISBN 978-0-9828023-7-3

May, Kathy L. *Molasses Man*. Holiday House, 2000. When the sorghum cane is ripe and ready, Grandpa decides to make molasses. ISBN 978-0-8234-1438-3

Mayr, Diane. *Out and About at the Apple Orchard*. Picture Window Books, 2002. Full-color illustrations and fact-filled text offer a behind-the-scenes tour at an apple orchard. ISBN 978-1-4048-0036-6

► Millard, Glenda. *Isabella's Garden*. Candlewick Press, 2012. Learn in this rhyming book how seeds grow, bloom and flourish with Isabella in her garden. ISBN 978-0-7636-6016-1

Miller, Heather. *Seeds Go, Seeds Grow*. Newbridge Educational Publishing, 2007. Does a towering sunflower fit inside a tiny seed? Discover the amazing science of seeds. Also available in Spanish. ISBN 978-1-4007-5237-9

Mooney, Margaret. *Wonderful Wheat*. Newbridge Educational Publishing, 1999. Emergent-level book shows how wheat is used. ISBN 978-1-58273-343-2

Morgan, Sally. *Bees*. Crabtree Publishing, 2008. Find out about bee anatomy, functions, and importance of bees in the environment, and their history. ISBN 978-0-7787-4049-0

Morgan, Sally. *Ducks*. Crabtree Publishing, 2008. In this book, a duck's life cycle is described, as well as why ducks live on a farm. ISBN 978-0-7787-4052-0

Morgan, Sally. *Fish*. Crabtree Publishing, 2008. Read all about fish and the health benefits of eating fish. ISBN 978-0-7787-4053-7

Morgan, Sally. *Goats*. Crabtree Publishing, 2008. Identify the goat's body parts, its life cycle and why goats live on farms. ISBN 978-0-7787-4054-4

Mortensen, Lori. *In the Trees, Honey Bees*. Dawn Publications, 2009. Simple rhyming words and realistic illustrations describe the life cycle of the honey bee. The book also includes two pages of background information about honey bees. ISBN 978-1-58469-115-0

Mortensen, Lori. *Working on the Farm*. Capstone Press, 2011. A graphic, nonfiction book for beginners about daily tasks on the farm. ISBN 978-1-4296-4510-2

Moser, Lisa. *Watermelon Wishes*. Clarion Books, 2006. When Charlie spends the summer growing watermelons with Grandpap, his secret wish is to do it all over again the next year. ISBN 978-0-618-56433-0

Murphy, Andy. *Out and About at the Dairy Farm*. Picture Window Books, 2002. This picture book gives factual information about milk production. ISBN 978-1-4048-0166-0

Murphy, Patricia. *A Visit to the Apple Orchard*. Pebble Plus, 2004. Go behind the scenes at an apple orchard to find out what happens during a typical day. ISBN 978-1-4296-1453-5

Murphy, Patricia. *Una Visita a la Huerta de Manzana (A Visit to the Apple Orchard)*. Capstone Press, 2008. Illustrations support early readers in understanding an apple orchard. The text is in English and Spanish. ISBN 978-1-4296-1194-4

Nagro, Anne. *Nuestra Huerta Generosa: Our Generous Garden*. Dancing Rhinoceros Press, 2009. This bilingual book is based on a successful school garden project, and encourages young people to get outdoors and start growing. ISBN 978-0-9824986-2-0

Nagro, Anne. *Our Generous Garden*. Dancing Rhinoceros Press, 2008. Based on a successful school garden project, this book encourages young people to get outdoors and start growing. ISBN 978-0-9793739-4-7

Nelson, Kristin. *Farm Tractors*. Lerner Publications Company, 2003. With colorful photographs, this emerging reader introduces children to different kinds of tractors and how they are used on farms. ISBN 978-0-8225-0690-4

Nelson, Robin. *From Cocoa Bean to Chocolate*. Lerner Publications Company, 2003. Using colorful photographs, the book shows how cocoa beans are grown, harvested, dried, and then processed into the products we all enjoy. ISBN 978-0-8225-4665-8

Nelson, Robin. *From Cotton to T-Shirt*. Lerner Publications Company, 2003. Discover how a cotton T-shirt is created from start to finish in this simply-written, emerging reader book with colorful photographs. ISBN 978-0-8225-4661-0

► Nunn, Daniel. *Why Living Things Need...Food*. Heinemann, 2012. In this book, learn that all living things need different types of food to live and grow. ISBN 978-1-4329-5914-2

Oatman-High, Linda. *Barn Savers*. Boyds Mills Press, 1999. Follow a father and son while they recycle a barn. ISBN 978-1-56397-403-8

Oatman-High, Linda. *Beekeepers*. Boyds Mills Press, 1998. A story about how bees are kept. ISBN 978-1-59078-046-6

Older, Jules. *Cow*. Charlesbridge, 1998. A lighthearted, nonfiction book on cows, breeds, and milk production. ISBN 978-0-88106-956-3

Older, Jules. *Ice Cream: Including Great Moments in Ice Cream History*. Charlesbridge, 2002. Learn about one of America's favorite desserts through fun historical facts. ISBN 978-0-88106-112-3

Older, Jules. *Pig*. Charlesbridge, 2004. This entertaining book contains lots of facts and trivia about pigs. Various pig breeds are described and the origins of each are listed. ISBN 978-0-88106-109-3

► Olson, Gillia M. *MyPlate and You*. Capstone Press, 2012. Discover the components of MyPlate and the importance of a healthy lifestyle. ISBN 978-1-4296-6809-5

Olson, Nathan. *Farm Patterns*. Capstone Press, 2007. Learn what a pattern is through the illustrations of farm patterns. ISBN 978-0-7368-6732-0

► Osmundson, Linda. *How the West was Drawn: Cowboy Charlie's Art*. Pelican, 2011. An artistic journey filled with unusual stories of the cowboy artist who carried paints and pencils in his saddlebag and sculpted animals out of beeswax and mud. ISBN 978-1-58980-884-3

► Osmundson, Linda. *How the West was Drawn: Frederic Remington's Art*. Pelican, 2012. This book helps readers gain a better understanding of the artist's process, cowboy life in the 1800s and the techniques of looking at art. ISBN 978-1-4556-1506-3

Ouren, Todd. *From the Garden: A Counting Book About Growing Food*. Picture Window Books, 2004. Learn the numbers one to 12 by counting things in the garden. ISBN 978-1-4048-0578-1

Pallotta, Jerry. *Apple Fractions*. Scholastic, 2003. This book teaches about fractions, apple varieties, and about the apple life cycle. ISBN 978-0-439-38901-3

Pallotta, Jerry. *Hershey's Milk Chocolate*. Cartwheel, 2002. Learn weight and measurement concepts and standards using candy products. ISBN 978-0-439-38877-1

Pallotta, Jerry. *The Vegetable Alphabet Book*. Charlesbridge, 1992. From A to Z, this colorful book with simple text educates youth about how certain fruits, vegetables, and other plants grow in the garden. ISBN 978-0-88106-468-1

Pallotta, Jerry. *The Yummy Alphabet Book*. Charlesbridge, 1994. Welcome to a delectable alphabet adventure. Learn about herbs, spices, and natural flavors from around the world. ISBN 978-0-88106-897-9

Pancella, Peggy. *Farm Community*. Heinemann Library, 2006. Take a tour of the everyday sites found in a farm community and discover where people work, where children go to school, how people get around, and what places are unique to a farm community. ISBN 978-1-4034-6222-0

Parker, Victoria. *Life as a Butterfly*. Raintree, 2004. Look at the habitat of a butterfly, what they need to grow and the stages of changes they go through. ISBN 978-1-4109-0654-0

Paulsen, Gary. *Harris and Me: A Summer Remembered*. Yearling, 1995. An 11-year-old city boy is used to being pawnd off on relatives. What he is not used to is the farm setting, the hard work, these cousins, and what the summer brings him this time around. ISBN 978-0-440-40994-6

Paulsen, Gary. *The Tortilla Factory*. Voyager Books, 1998. Simple text and paintings tell the story of tortillas from corn seed to plant and then factory to store. ISBN 978-0-15-201698-2

Peck, Jan. *The Giant Carrot*. Dial Books for Young Readers, 1998. Little Isabelle's family decides to plant a carrot seed, and each will do their part to make it grow. ISBN 978-0-8037-1823-4

## Primary (Grades PreK-3)

Pennington, Daniel. *Itse Selu*. Charlesbridge Publishing, 1994. Join Little Wolf to celebrate the harvest of corn, a Cherokee tradition, where he partakes in a luscious feast, listens to a traditional folktale, and performs the sacred corn dance. ISBN 978-0-88106-850-4

Peppas, Lynn. *Vehicles on the Farm*. Crabtree Publishing Company, 2011. Working on a farm can require many different vehicles that are described in this book. ISBN 978-0-7787-3065-1

Perkins, Lynne Rae. *Home Lovely*. Greenwillow Books, 1995. A lonely young girl living in an isolated trailer makes new friends and gains knowledge by growing flowers and melons. Along the way, she beautifies her home. ISBN 978-0-688-13687-1

► Perrin, Martine. *Cock-a-Doodle-Who?* Albert Whitman and Company, 2012. Learn more about farm animals through clever rhymes and animal cutouts. ISBN 978-0-8075-1107-7

Peterson, Cris. *Clarabelle: Making Milk and So Much More*. Boyds Mills Press, 2007. This book is about how cows produce much more than just milk. ISBN 978-1-59078-310-8

Peterson, Cris. *Extra Cheese, Please!* Boyds Mills Press, 1994. Follow the cheese-making process from cow to pizza topping. ISBN 978-1-56397-177-1

Peterson, Cris. *Fantastic Farm Machines*. Boyds Mills Press, 2006. Twelve big pieces of machinery are shown and their purposes are explained. ISBN 978-1-59078-271-2

Peterson, Cris. *Seed Soil Sun: Earth's Recipe for Food*. Boyds Mills Press, 2010. Seed, soil, and sun are three ingredients for growing food. ISBN 978-1-59078-713-7

Pfeffer, Wendy. *Wiggling Worms at Work*. HarperCollins Publishers, 2004. Learn how the work of worms loosens the soil allowing more room for plant roots to grow. ISBN 978-0-06-445199-4

Phelan-Sissel, Peggy. *A Visit to the Farmers' Market*. Brain Child Books, 2006. This easy-to-read picture book highlights the benefits of shopping at the farmers market. ISBN 978-0-9771010-0-9

Pickering, Robin. *I Like Corn*. Children's Press, 2000. In this introductory reader, children learn through colorful photographs about the many foods made of corn. ISBN 978-0-516-23009-2

Pinczes, Elinor. *One Hundred Hungry Ants*. Houghton Mifflin Company, 1999. One hundred hungry ants in rows of various sizes march to sample the delights of a picnic. ISBN 978-0-395-97123-9

Pitts, Zachary. *The Pebble First Guide to Horses*. Capstone Press, 2008. A basic field guide format introduces 13 horse breeds. ISBN 978-1-4296-2802-0

Pomeroy-Crockett, Johanna. *Why Do I Need to Eat Fruits and Veggies?* Educational Activities, Inc, 2008. While visiting a farmers market, Mia and her classmates learn about the benefits of eating fruits and veggies because they are not only good for you, but make you feel good, too. Audio CD included. ISBN 978-0-7925-5743-3

Poole, Amy Lowry. *The Pea Blossom*. Holiday House, 2005. In a garden near Beijing, five peas grow in a shell and wait to discover their fate. ISBN 978-0-8234-2018-6

Potter, Beatrix. *The Complete Adventures of Peter Rabbit*. Frederick Warne and Company, 2003. The four Beatrix Potter stories that feature Peter Rabbit are brought together in one volume. ISBN 978-0-7232-4734-0

Potter, Beatrix. *The Tale of Peter Rabbit*. Frederick Warne and Company, 2004. Enjoy this easy-to-read version of Peter Rabbit and his adventures in Mr. McGregor's garden. ISBN 978-0-7232-4770-8

Priceman, Marjorie. *How to Make an Apple Pie and See the World*. Dragonfly Books, 1996. From the jungles of Sri Lanka to the apple orchards in Vermont, a little baker travels to find the finest ingredients for her pie. ISBN 978-0-679-88083-7

Purmell, Ann. *Apple Cider Making Days*. Millbrook Press, 2002. Follow two kids while they make apple cider on their Grandpa's apple farm. ISBN 978-0-7613-2364-8

Purmell, Ann. *Christmas Tree Farm*. Holiday House, 2006. This book is about a boy and his family who work on their tree farm throughout the year to prepare for Christmas. ISBN 978-0-8234-1886-2

Purmell, Ann. *Maple Syrup Season*. Holiday House, 2008. This picture book gives students a behind-the-scenes look at making a much-loved treat. ISBN 978-0-8234-1891-6

► Quattlebaum, Mary. *Jo MacDonald Had a Garden*. Dawn Publications, 2012. Learn about Jo McDonald's garden and the different insects and animals that help her garden thrive in this variation of "Old MacDonald Had a Farm." ISBN 978-1-58469-165-5

► Rand, Casey. *The Science Behind Food*. Heinemann-Raintree, 2012. Learn about the science of food, how it is stored and the importance of vitamins and minerals. ISBN 978-1-4109-4486-3

Randall, Alison L. *The Wheat Doll*. Peachtree Publishers, 2008. A story about a young pioneer girl and her wheat doll. Students learn about pioneer life and the production cycle of wheat. ISBN 978-1-56145-456-3

Ray, Hannah. *Chickens*. Crabtree Publishing, 2008. In this book, learn about chicken anatomy, life cycle, different breeds, and uses. ISBN 978-0-7787-4050-6

Ray, Hannah. *Cows*. Crabtree Publishing, 2008. Read about cow anatomy, life cycle, different breeds, and uses. ISBN 978-0-7787-4051-3

Ray, Hannah. *Pigs*. Crabtree Publishing, 2008. In this book, learn that pigs are great swimmers, that they use mud as suntan lotion, and that the largest pig weighed the same as 14 grown men. ISBN 978-0-7787-4055-1

Ray, Hannah. *Sheep*. Crabtree Publishing, 2008. Identify the sheep's body parts, its life cycle, and why sheep live on a farm. ISBN 978-0-7787-4056-8

Ray, Mary Lyn. *Pumpkins: A Story for a Field*. Harcourt, 1996. In this fictional story, a field and pumpkins make one think about what is important in life. ISBN 978-0-15-201358-5

Ready, Dee. *Granjeros y Granjeras*. Bridgestone Books, 1999. In Spanish, learn how farmers grow grains and what they are used for. ISBN 978-1-56065-798-9

Reed-Jones, Carol. *The Tree in the Ancient Forest*. Dawn Publications, 1995. The remarkable web of plants and animals living around a single fir tree takes on a life of its own in this story. ISBN 978-1-883220-31-0

Reynolds, Peter H. *Rose's Garden*. Candlewick Press, 2009. Rose has traveled the world collecting seeds, waiting for the perfect place to plant them, but ends up with only a few after the birds eat her collection. She plants the remaining seeds and waits for them to grow. ISBN 978-0-7636-4641-7

Rice, James. *Cowboy Rodeo*. Pelican Publishing Company, 1992. Learn about southern rodeos and their history through Texas Jack, a jackrabbit, in this non-traditional writing style. ISBN 978-0-88289-903-9

Rice, James. *Trail Drive*. Pelican Publishing Company, 1996. In a non-traditional writing style, learn about Texas cattle drives through Texas Jack, a jackrabbit. ISBN 978-1-56554-163-4

► Rice, James. *Vaqueros*. Pelican Publishing Company, 2012. Learn about the lives of early vaqueros. ISBN 978-1-56554-309-6

Richards, Jean. *A Fruit is a Suitcase for Seeds*. First Avenue Editions, 2002. A description of various types of seeds and dispersal, by which plants travel from one place to another. ISBN 978-0-8225-5991-7

Ring, Susan. *From Tree to Table*. Yellow Umbrella Books, 2003. In this emerging reader, children learn how maple syrup is made and processed into the sweet syrup they enjoy. ISBN 978-0-7368-2026-4

► Rissman, Rebecca. *A World of Field Trips: Going to a Farm*. Capstone, 2012. This simple picture book takes readers on field trips to different types of farms. ISBN 978-1-4329-6066-7

► Rissman, Rebecca. *Healthy Eating with MyPlate :Using MyPlate*. Heinemann, 2012. This book teaches readers about MyPlate, the different food groups, and the importance of eating healthy. ISBN 978-1-4329-6978-3

Rock, Maria. *MiMi's Garden: iT'S A KiD THiNG!* Maria Ink, 2004. Colorfully-illustrated guide for teachers, parents, and children encourages people to garden from the heart. ISBN 978-0-9726979-0-3

Rockwell, Anne. *One Bean*. Walker & Company, 1998. This primary reader introduces children to the life cycle of the bean plant. ISBN 978-0-8027-7572-6

Rockwell, Anne. *Pumpkin Day, Pumpkin Night*. Walker & Company, 2001. Jeffrey finds a perfect pumpkin that is not too big and not too small. ISBN 978-0-8027-7614-3

► Rosenberg, Madelyn. *Happy Birthday, Tree! A Tu B'Shevat Story*. Albert Whitman, 2012. Follow Joni in her search of the perfect birthday present for her favorite tree while discovering what trees need to grow. ISBN 978-0-8075-3151-8

Rosinsky, Natalie M. *Dirt: The Scoop on Soil*. Picture Window Books, 2002. Vivid illustrations and clear, fact-filled text explore the amazing science of soil. ISBN 978-1-4048-0012-0

Rosinsky, Natalie M. *El Suelo: Tierra y Arena*. Picture Window Books, 2007. Vivid illustrations and clear, fact-filled Spanish text explore the amazing science of soil. ISBN 978-1-4048-3211-4

► Rotner, Shelley. *Senses on the Farm*. Millbrook Press, 2008. This basic exploration of the senses features a farm setting and students in full-page quality photographs. ISBN 978-0-8225-8623-4

Rotner, Shelley and Gary Goss. *Where Does Food Come From?* Millbrook Press, 2006. This book is a photo essay that teaches children that the source of their food is not the supermarket. ISBN 978-0-7613-2935-0

Royston, Angela. *Ciclo de vida de el Pollo*. Heinemann Library, 2003. Learn how baby chickens get out of the egg and how they are raised. ISBN 978-1-4034-3040-3

Royston, Angela. *How Plants Grow*. Heinemann Library, 1999. Discover how a plant's life begins, what plants need to make them grow, and why some trees lose their leaves in the fall. ISBN 978-1-57572-538-3

Royston, Angela. *Life Cycle of a Salmon*. Heinemann Library, 2000. Learn about the journey a salmon takes as it grows from alevin to fry to smolt and how, fully grown, it makes its way back from the ocean to the river it started in. ISBN 978-1-58810-327-7

Royston, Angela. *Life Cycle of a Sunflower*. Heinemann Library, 1999. Learn what a sunflower does as the sun moves and other interesting facts. ISBN 978-1-57572-475-1

## Primary (Grades PreK-3)

Royston, Angela. *Life Cycle of an Apple*. Heinemann Library, 1999. Learn what different kinds of buds apple trees have and how bees help to make apples. ISBN 978-1-57572-472-0

Rubin, Alan. *Esta Granja (This Farm)*. Yellow Umbrella Books, 2006. Written in both English and Spanish, this collection of simple text and photos features plants and animals that are found on a farm. ISBN 978-0-7368-6022-2

Rushing, Felder. *Dig, Plant, Grow*. Color Springs Press, 2004. Through the colorful photographs, this book is a resource for creating garden artwork, planting beds, and more. ISBN 978-1-59186-093-8

Russ, Angela. *We Eat Food That's Fresh*. OurRainbow Press, 2009. A whimsical chef introduces young children to fun food experiences that stir up their interest in fruits and vegetables. CD included. ISBN 978-1-934214-09-1

Rustad, Martha E. *Pumpkin Harvest*. Capstone Press, 2008. In fall, pumpkins turn orange and are picked from patches. Check out pumpkins during and after the harvest. ISBN 978-1-4296-0026-2

Ryan, Pam Munoz. *How Do You Raise a Raisin?* Charlesbridge Publishing, 2003. In this book, you will find out how grapes become raisins, who introduced the seedless grape, and the many uses for raisins. ISBN 978-1-57091-398-3

Salas, Laura Purdie. *From Seed to Daisy: Following the Life Cycle*. Picture Window Books, 2008. Let your mind bloom as you learn about the life cycle of the Shasta daisy. ISBN 978-1-4048-4919-8

Salas, Laura Purdie. *From Seed to Maple Tree: Following the Life Cycle*. Picture Window Books, 2009. Learn about germination, pollination, and anatomy as readers follow the life cycle of a maple tree. ISBN 978-1-4048-4931-0

Salas, Laura Purdie. *Lettuce Introduce You: Poems About Food*. Capstone Press, 2009. Poems in various forms celebrate everything from watermelon to Brussels sprouts. ISBN 978-1-4296-1703-1

Salas, Laura Purdie. *Shrinking Days, Frosty Nights: Poems About Fall*. Capstone Press, 2008. From grinning jack-o'-lanterns to colorful leaves, this fun collection of poetry features many fall favorites. ISBN 978-1-4296-1205-0

Sandin, Joan. *Coyote School News*. Henry Holt and Company, 2003. This story, about students who attend Coyote School, is based on a collection of newsletters written by Arizona ranch country schools between 1932 and 1943. ISBN 978-0-8050-6558-9

Saunders-Smith, Gail. *Apple Trees*. Capstone Press, 1998. Learn the life cycle of the apple tree in this primary reader that has color photographs. ISBN 978-1-56065-490-2

Saunders-Smith, Gail. *Beans*. Capstone Press, 1997. Learn the life cycle of the green bean in this primary reader that has color photographs. ISBN 978-1-56065-487-2

Saunders-Smith, Gail. *Carrots*. Capstone Press, 1997. This primary reader describes carrots from growing to processing to eating. ISBN 978-1-56065-488-9

Saunders-Smith, Gail. *Fall Harvest*. Capstone Press, 1998. This emerging reader book shows that crops are harvested by hand and by machine. ISBN 978-1-56065-587-9

Saunders-Smith, Gail. *Flowers (Growing Flowers)*. Capstone Press, 1998. Learn the anatomy and function of flowers through colorful photographs and primary text. ISBN 978-0-7368-4864-0

Saunders-Smith, Gail. *From Blossom to Fruit*. Capstone Press, 1998. Learn the life cycle of the apple tree from the blossom to the apple. ISBN 978-1-56065-952-5

Saunders-Smith, Gail. *From Bud to Blossom*. Capstone Press, 1998. Part of a series of books on apples, learn how the bud on an apple tree blossoms. ISBN 978-1-56065-583-1

Saunders-Smith, Gail. *Leaves*. Capstone Press, 1998. Learn the functions of leaves and the details of how leaves utilize light to make food for themselves. ISBN 978-1-56065-770-5

Saunders-Smith, Gail. *Picking Apples*. Capstone Press, 1998. Learn how apples are harvested in this final book of the apple series by this author. ISBN 978-1-56065-585-5

Saunders-Smith, Gail. *Seeds*. Capstone Press, 1998. Learn the functions of seeds through colorful photographs and simple text. ISBN 978-1-56065-771-2

Saunders-Smith, Gail. *Stems*. Capstone Press, 1998. Learn the functions of stems through colorful photographs and simple text. ISBN 978-1-56065-772-9

Saunders-Smith, Gail. *Sunflowers*. Capstone Press, 2000. Learn the life cycle of the sunflower in this primary reader that has color photographs. ISBN 978-1-56065-948-8

Schaefer, Lola. *Honey Bees and Hives*. Capstone Press, 1999. With color photographs and simple text, this emerging reader describes what happens in a beehive. ISBN 978-0-7368-0230-7

Schaefer, Lola. *Pick, Pull, Snap! Where Once a Flower Bloomed*. Greenwillow Books, 2003. Through colorful illustrations and fold-out pages, learn how flowers produce peaches, peas, and even peanuts. ISBN 978-0-688-17834-5

Schaefer, Lola M. *We Need Farmers*. Capstone Press, 1999. This emerging reader shows the many types of farmers that grow the products we consume. ISBN 978-0-7368-4827-5



Schatzer, Jeffery L. *The Runaway Garden*. Mitten Press, 2007. A tale about how the plants in the garden come alive at night. ISBN 978-1-58726-436-8

Schuette, Sarah L. *Veamos el Verano?/Let's Look at Summer*. Capstone Press, 2008. Readers will observe, investigate, and predict changes in plants, animals, and weather in summer. Text in Spanish and English. ISBN 978-1-4296-2290-5

Schuette, Sarah L. *Veamos la Primavera?/Let's Look at Spring*. Capstone Press, 2008. Readers will observe, investigate, and predict changes in plants, animals, and weather in spring. Text in Spanish and English. ISBN 978-1-4296-2289-9

Schuh, Mari. *All Kinds of Gardens*. Capstone Press, 2010. A simple book about the types of gardens that can be of wild flowers, vegetables, or in a container. ISBN 978-1-4296-3981-1

Schuh, Mari. *Animals in the Garden*. Capstone Press, 2010. An introduction to animals found in the garden and their roles. ISBN 978-1-4296-3982-8

► Schuh, Mari. *Apples Grow on a Tree*. Capstone Press, 2011. A simple book about apples and how they are grown from seed to fruit. ISBN 978-1-4296-5279-7

► Schuh, Mari. *Blueberries Grow on a Bush*. Capstone Press, 2011. A simple book about blueberries and how they are grown. ISBN 978-1-4296-5282-7

► Schuh, Mari. *Carrots Grow Underground*. Capstone Press, 2011. A simple book about carrots, how they are grown and other root vegetables that people eat. ISBN 978-1-4296-5280-3

Schuh, Mari. *Growing a Garden*. Capstone Press, 2010. An introduction to planting and taking care of a garden. ISBN 978-1-4296-3984-2

► Schuh, Mari. *Lettuce Grows on the Ground*. Capstone Press, 2011. A simple book about lettuce, how it is grown, and other vegetables that grow on the ground. ISBN 978-1-4296-5281-0

► Schuh, Mari. *Tomatoes Grow on a Vine*. Capstone Press, 2011. A simple book about tomatoes, how they grow, and other fruits and vegetables that grow on vines. ISBN 978-1-4296-5278-0

Schuh, Mari. *Tools for the Garden*. Capstone Press, 2010. A simple book about tools you use for gardening. ISBN 978-1-4296-3983-5

Schuh, Mari C. *Chickens on the Farm*. Capstone Press, 2001. Through photographs, this emerging reader discusses chickens that are raised for meat and eggs. ISBN 978-0-7368-0991-7

Schuh, Mari C. *Cows on the Farm*. Capstone Press, 2001. Learn, through photographs and primary text, how farmers raise cows. ISBN 978-0-7368-0992-4

Schuh, Mari C. *Drinking Water*. Capstone Press, 2006. Learn how water helps keep your body healthy. ISBN 978-0-7368-6926-3

Schuh, Mari C. *Healthy Snacks*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how healthy snacks should be a part of your diet. ISBN 978-0-7368-6927-0

Schuh, Mari C. *Horses on the Farm*. Capstone Press, 2002. Through photographs, this emerging reader discusses how horses are used and cared for on a farm. ISBN 978-0-7368-1189-7

Schuh, Mari C. *Pigs on the Farm*. Capstone Press, 2001. Through photographs, this emerging reader discusses pigs that are raised on a farm. ISBN 978-0-7368-0993-1

Schuh, Mari C. *Sheep on the Farm*. Capstone Press, 2001. Through photographs, this emerging reader discusses sheep that are raised for meat, wool, and milk. ISBN 978-0-7368-0994-8

Schuh, Mari C. *The Fruit Group*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how fruit should be a part of your diet. ISBN 978-0-7368-6922-5

Schuh, Mari C. *The Grain Group*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how grains should be a part of your diet. ISBN 978-0-7368-6923-2

Schuh, Mari C. *The Meat and Beans Group*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how meat and beans should be a part of your diet. ISBN 978-0-7368-6924-9

Schuh, Mari C. *The Milk Group*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how dairy products should be a part of your diet. ISBN 978-0-7368-6925-6

Schuh, Mari C. *The Vegetable Group*. Capstone Press, 2006. Using the USDA's MyPyramid, learn how vegetables should be a part of your diet. ISBN 978-0-7368-6928-7

Seuss, Dr. *The Lorax*. Random House Books for Young Readers, 1998. This classic tale about the Lorax, the Once-ler, and the Truffula Trees is a catalyst for questions about natural resources and their use. ISBN 978-0-394-82337-9

Shapiro, Jody Fickes. *Up, Up, Up! It's Apple Picking Time*. Scholastic, 2004. Learn about the many varieties of apples when Miles and his family pick apples in Grandma and Grandpa's California orchard. ISBN 978-0-439-68988-5

Shepard, Daniel. *All Kinds of Farms*. Capstone Press, 2004. With simple text and color photographs, learn about several kinds of farms. ISBN 978-0-7368-2912-0

► Shoop, Jack. *Adventures of Jack Sprout in Beaver Creek Meadow*. Jack Sprout Inc., 2013. This book describes the adventures of Jack Sprout as he grows up learning about agriculture from his friends in Beaver Creek. Lesson ideas can be found on the website: [www.jacksprout.com](http://www.jacksprout.com) ISBN 978-0-7368-2283-1

## Primary (Grades PreK-3)

Siddals, Mary McKenna. *Compost Stew: An A to Z Recipe for the Earth*. Random House, Inc, 2010. Learn how to make compost using the ABCs. ISBN 978-1-58246-316-2

Sillifant, Alec. *Farmer Ham*. North-South Books, 2007. With the noisy crows in his corn field growing in number, what can a farmer do? Farmer Ham solves this agriculture problem with some creativity. ISBN 978-0-7358-2134-7

► Slade, Suzanne. *A Raindrop's Journey*. Picture Window Books, 2010. A book about raindrops and their journey from clouds to snowflakes. ISBN 978-1-4048-6266-1

Slawson, Michele Benoit. *Apple Picking Time*. Dragonfly Books, 1998. Describes the old-time way of picking apples and the emotions and pride Anna and her family gain. ISBN 978-0-517-88575-8

Sloat, Teri and Betty Huffmon. *Berry Magic*. Alaska Northwest Books, 2004. An Alaskan folk story about Anana, a young girl who spreads different types of berries in her village's fields. ISBN 978-0-88240-575-9

Small, David. *George Washington's Cows*. Live Oak Media, 2005. Humorous rhymes about George Washington's farm, where the cows wear dresses, the pigs wear wigs, and the sheep are scholars. ISBN 978-0-374-42534-0

Smith, Cathy. *Plants on My Plate*. National Geographic, 2001. See photographs of the plants from which vegetables on your plate come. ISBN 978-0-7922-8925-8

Smucker, Anna Egan. *Golden Delicious: A Cinderella Apple Story*. Albert Whitman & Company, 2008. Discover the role of cross-pollination in developing new varieties of apples through this true story about the Stark Brothers' quest for the world's best apple. ISBN 978-0-8075-2987-4

Spilsbury, Louise. *Bananas*. Heinemann Library, 2002. Find out where bananas are grown and how they get from the farm to your table. ISBN 978-0-431-12770-5

Spilsbury, Louise. *Bean*. Heinemann Library, 2005. Take a look at the life cycle of a bean through pictures and text. ISBN 978-1-4034-6774-4

Spilsbury, Louise and Richard Spilsbury. *How Do Plants Grow?* Heinemann Library, 2006. Explains how plants make food and change as they grow. ISBN 978-0-431-01809-6

Spilsbury, Louise and Richard Spilsbury. *Where Do Plants Grow?* Heinemann Library, 2006. Explains how plants survive in a desert, why some flowers have furry petals, and which trees do not lose their leaves in fall. ISBN 978-1-4034-7367-7

Spilsbury, Louise and Richard Spilsbury. *Why Do Plants Have Flowers?* Heinemann Library, 2006. Explains what pollen is, why some flowers are so colorful, and why plants make fruit. ISBN 978-1-4034-7368-4

Spurr, Elizabeth. *Farm Life*. Holiday House, 2003. Learn to count from one to 10 with colorful barns full of interesting surprises. ISBN 978-0-8234-1777-3

Stefancin, Kathleen. *The Fish Who Wished He Could Eat Fruit*. Smart Picks, Inc, 2007. Students discover the benefits of eating fruit as they follow the adventures of Theo the fish. Audio narration included. ISBN 978-0-9764785-1-5

Stefancin, Kathleen. *The Fruit Flies' Picnic*. Smart Picks, Inc, 2005. Have a picnic with some fruit flies who introduce various fruits and colors. ISBN 978-0-9764785-0-8

Stevens, Janet. *Tops and Bottoms*. Harcourt Brace and Co, 1997. Folktale involves a hare and a bear as they plant and harvest vegetables. ISBN 978-0-15-292851-3

Stevens, Janet and Susan Stevens Crummel. *Cook-A-Doodle-Do*. Harcourt Brace & Company, 2005. An old family recipe, four family friends, and a bit of true facts make this book a belly of laughs for beginning bakers and gourmet chefs alike. ISBN 978-0-15-205658-2

Stewart, Sarah. *The Gardener*. Farrar Straus Giroux, 2000. A series of letters tells a girl who, when forced to leave the country, takes her love of gardening with her. ISBN 978-0-374-42518-0

Strand, Claudia. *Hello, Fruit Face!: The Paintings of Giuseppe Arcimboldo*. Prestel Publishing, 1999. In the fantastic portraits by the 16th-century Italian painter Giuseppe Arcimboldo, compositions of fruit, vegetables, flowers, and books, animals, or garden tools magically turn into vivid depictions of beautiful young women, weathered old men, or the personifications of the seasons and the elements. ISBN 978-3-374-42518-7

Tagliaferro, Linda. *Bees and Their Hives*. Capstone Press, 2004. Through colorful photographs and simple text, imagine living in a home with 20,000 other bees. ISBN 978-0-7368-2382-1

Tagliaferro, Linda. *The Life Cycle of a Bean*. Capstone Press, 2007. Simple text and photos illustrate the transformation from seed to bean pods. ISBN 978-0-7368-6710-8

Tagliaferro, Linda. *The Life Cycle of a Carrot*. Capstone Press, 2007. Simple text and photos illustrate the transformation from seed to carrot. ISBN 978-0-7368-6713-9

Tagliaferro, Linda. *The Life Cycle of a Pine Tree*. Capstone Press, 2007. Simple text and photos illustrate the transformation over many years from a pine cone seed to a tree with needles and pine cones of its own. ISBN 978-0-7368-6712-2

Tagliaferro, Linda. *The Life Cycle of a Sunflower*. Capstone Press, 2007. Simple text and photos illustrate the transformation from seed to flowering plant. ISBN 978-0-7368-6714-6

Tagliaferro, Linda. *The Life Cycle of an Apple Tree*. Capstone Press, 2007. Simple text and photos illustrate the transformation from seed to a tree that blossoms and fruits. ISBN 978-0-7368-6709-2

Tagliaferro, Linda. *The Life Cycle of an Oak Tree*. Capstone Press, 2007. Simple text and photos illustrate the transformation from acorn to seedling to adult tree. ISBN 978-0-7368-6711-5

Taus-Bolstad, Stacy. *From Grass to Milk*. Lerner Publishing Company, 2003. Through color photographs, learn how farmers work to get the milk you drink to the kitchen table. ISBN 978-0-8225-4664-1

Taylor, Miles. *Food Comes from Farms*. National Geographic, 2003. Colorful photographs depict where the food we eat comes from. ISBN 978-0-7922-4316-8

Thompson, Gare. *Harvest Festivals*. National Geographic, 2002. Learn about different harvest festivals that people have around the world. ISBN 978-0-7922-8506-9

Titherington, Jeanne. *Pumpkin Pumpkin*. Mulberry, 1986. A young boy plants a pumpkin seed and, after watching it grow, carves it and saves some seeds to plant in the spring. ISBN 978-0-688-09930-5

Tolstoy, Aleksei and Niamh Sharkey. *The Gigantic Turnip*. Barefoot Books, 2005. This nineteenth century Russian story shows how a farmer and his wife pull a gigantic turnip out of the ground with the help of their friends. ISBN 978-1-905236-72-5

Tomecek, Steve. *Dirt*. National Geographic Society, 2002. A mole guides you through the world beneath your feet and teaches the importance of soil. ISBN 978-0-7922-8204-4

Townsend, Una Belle. *Grady's in the Silo*. Pelican Publishing Company, 2003. A unique tale of Grady, a big red Hereford cow that finds herself stuck inside the farm's silo. People from around the world try to help Bill, the farmer, save Grady. ISBN 978-1-58980-098-4

► Townsend, Una Belle. *The Oklahoma Land Run*. Pelican Publishing, 2009. Jesse and his father race through the plains of Oklahoma, hoping to claim their own property during the Oklahoma Land Run in 1889. ISBN 978-1-58980-566-8

Trapani, Iza. *Here We Go Round the Mulberry Bush*. Charlesbridge Publishing, 2006. The traditional nursery rhyme is expanded into a lively story when pesky insects and animals invade the garden. ISBN 978-1-57091-663-2

Trumbauer, Lisa. *Corn*. Yellow Umbrella Books, 2006. Describes the history of corn in North America, corn products we use today, and how corn is grown. ISBN 978-0-7368-5846-5

Trumbauer, Lisa. *The Story of Orange Juice*. Yellow Umbrella Books, 2006. From pollination to processing plant, this narrative follows the transformation of fruit on the tree into juice in your glass. ISBN 978-0-7368-5838-0

Tryon, Leslie. *Albert's Field Trip*. Atheneum, 1993. Albert leads a class from Pleasant Valley School on a field trip to Georgie and Gracie's apple farm. There are songs on the bus and a visit to a barn and the orchard, where the children pick their own apples and squeeze them into juice. ISBN 978-0-689-31821-4

Tudor, Tasha. *Corgiville Fair*. Little Brown, 1998. Chronicles the events of the Corgiville Fair, especially the actions of Edgar Tom Cat in his attempt to win the goat race. ISBN 978-0-316-85312-5

Tunkin, David. *How Does My Garden Grow?* National Geographic, 2003. Learn that plants in the garden need sunlight, water, and soil to grow. ISBN 978-0-7922-4264-2

Turner, Glennette. *An Apple for Harriet Tubman*. Albert Whitman & Company, 2006. Learn about Harriet Tubman's journey while discovering her love for apples and the freedom they symbolize. ISBN 978-0-8075-0395-9

Urbigkit, Cat. *A Young Shepherd*. Boyds Mills Press, 2006. Follow the life of a young kid who works on a sheep farm. ISBN 978-1-59078-364-1

Urbigkit, Cat. *Brave Dogs, Gentle Dogs*. Boyds Mills Press, 2005. This book explains how guardian dogs and sheep form bonds that last a lifetime. ISBN 978-1-59078-317-7

van Lieshout, Elle. *The Wish*. Boyds Mills Press, 2006. Winter is dragging on, the vegetable garden is barren, Lila is hungry, and she wishes she had flour to make bread. ISBN 978-1-932425-91-8

Van Patter, Bruce. *Tucker Took It!* Boyds Mills Press, 2010. A story about a goat who loves corn, but does not want to wait until it is ready to pick. Read along as items disappear from the farm animals. ISBN 978-1-59078-698-7

Waddell, Martin. *Farmer Duck*. Candlewick, 1996. In this whimsical story, see what a duck does to take care of a farm. ISBN 978-1-56402-596-8

Waddell, Martin. *The Pig in the Pond*. Candlewick Press, 2007. On one of the hottest days of the summer, the pig on Neligan's farm takes a dive—and he's not the only one! ISBN 978-1-4063-1098-6

Wallace, Carol. *Turkeys Together*. Holiday House, 2005. In this beginning reader, two mother turkeys are afraid to leave their nests because their eggs are being stolen until a pointer puppy offers them a solution. ISBN 978-0-8234-1895-4

Watterson, Carol. *Alfabet A to Z*. British Columbia Agriculture in the Classroom Foundation, 2009. New and emerging readers will discover many new sights, sounds, smells, and flavors from agriculture while learning how agriculture enriches their lives. ISBN 978-0-9812317-0-9

## Primary (Grades PreK-3)

► Watterson, Carol. *An Edible Alphabet: 26 Reasons to Love the Farm*. Tricycle Press, 2011. Learn about agriculture through this farmyard feat from A to Z and discover interesting facts along the way. ISBN 978-1-58246-421-3

► Weakland, Mark. *Las semillas se plantan, las semillas crecen*. Capstone Press, 2012. This is the bilingual (Spanish and English) edition of Seeds Go, Seeds Grow. ISBN 978-1-4296-8260-2

► Weakland, Mark. *Seeds Go, Seeds Grow*. Capstone Press, 2011. Readers will learn about the different types of seeds, how to plant them, and how they grow. ISBN 978-1-4296-5252-0

Weatherby, Brenda. *The Trucker*. Scholastic, Inc, 2004. Learn about the important job truckers have transporting goods from one location to the next. ISBN 978-0-439-39877-0

White, Linda. *Too Many Pumpkins*. Live Oak Media, 2004. Rebecca Estelle finds a creative way to share her pumpkins when she accidentally plants and produces too many. ISBN 978-1-59112-831-1

White, Nancy. *Seeds Get Around*. Newbridge Educational Publishing, 2007. Seeds get transported in various ways to make new plants. ISBN 978-1-4007-6337-5

Whitehouse, Patricia. *Flowers*. Heinemann Library, 2002. This book introduces the physical characteristics, life cycle, and role of flowers in the world of plants. ISBN 978-1-58810-729-9

Whitehouse, Patricia. *Leaves*. Heinemann Library, 2002. This book described the physical characteristics, function, and uses of leaves. ISBN 978-1-58810-730-5

Whitehouse, Patricia. *Orange Foods*. Heinemann Library, 2003. Find out where the orange foods, such as cantaloupe and oranges, come from. ISBN 978-1-4034-3841-6

Whitehouse, Patricia. *Roots*. Heinemann Library, 2002. This book describes the sizes, shapes, and colors of roots, as well as their function and uses to humans and other animals. ISBN 978-1-58810-731-2

Whitehouse, Patricia. *Seeds*. Heinemann Library, 2002. Learn about the purpose of seeds by exploring all sizes and shapes of this crucial plant part. ISBN 978-1-84421-067-1

Whitehouse, Patricia. *White Foods*. Heinemann Library, 2002. Find out where the white foods, such as cauliflower and bean sprouts, come from. ISBN 978-1-58810-746-6

Whitehouse, Patricia. *Yellow Foods*. Heinemann Library, 2002. Find out where the yellow foods, such as lemons and wax beans, come from. ISBN 978-1-58810-745-9

Wolfman, Judy. *Life on a Crop Farm*. Lerner Publishing Company, 2001. Learn the best way to pick asparagus or when to pick sweet corn, and learn about the planting, picking, and selling of the produce we eat. ISBN 978-1-57505-518-3

Wolfman, Judy. *Life on a Goat Farm*. Carolrhoda Books, 2001. Describes the practices that occur on a goat farm and includes information on breeds, care, milking, and more. ISBN 978-1-57505-515-2

Wolfman, Judy. *Life on a Pig Farm*. Carolrhoda Books, 2001. Through photographs and informative text, the reader learns about the life on a pig farm, like raising piglets, doing chores, and going to the annual fair. ISBN 978-1-57505-236-6

Wood, Lily. *Bats*. Scholastic Inc, 2001. Learn about bats in this book full of facts and photographs. ISBN 978-0-439-29582-6

Worth, Bonnie. *Oh Say Can You Seed?* Random House Books, 2001. Learn all about flowering plants with the Cat in the Hat. ISBN 978-0-375-81095-4

Young, Mary. *Nos Gusta Vivir Verde*. Hohm Press, 2010. This bi-lingual book encourages a basic appreciation for the Earth and all creatures. ISBN 978-1-935387-01-5

Young, Mary. *We Like to Live Green*. Hohm Press, 2010. Encourages a basic appreciation for the Earth and all creatures. ISBN 978-1-935387-00-8

Yu, Norman. *Cotton Comes from Plants*. National Geographic, 2003. Learn how cotton is grown and made into the clothes we wear. ISBN 978-0-7922-4331-1

Yunk, Dan. *Milk Comes From a Cow?* The Kansas Farm Bureau, 2007. Kailey learns where milk really comes from when visiting her grandma in the country. ISBN 978-0-9797653-0-8

Yunk, Dan and Steve Swaffar. *The Soil Neighborhood*. The Kansas Farm Bureau, 2008. Kailey discovers the many essential components in a productive soil neighborhood. ISBN 978-0-9797653-1-5

Zahares, Wade. *Red are the Apples*. Gulliver Books, 2001. Share a day on the farm and learn about the amazing colors one sees in the country. ISBN 978-0-15-201917-4

Ziefert, Harriet. *A New Coat for Anna*. Knopf Publishing Group, 1991. Anna visits the sheep that provide the wool and all the people involved in making her winter coat. ISBN 978-0-394-89861-2

► Zoehfeld, Kathleen Weidner. *Secrets of the Garden: Food Chains and the Food Web in Our Backyard*. Knopf Books for Young Readers, 2012. The story of Alice's family garden describes "backyard science at its very finest." ISBN 978-0-517-70990-0

## Intermediate Grades 4-6

### ► Indicates new for 2013-2014

Ada, Alma Flor. *Gathering the Sun*. Rayo, 2001. A book of poems in English and Spanish about migrant farm laborers working the fields; one poem for each letter of the Spanish alphabet. ISBN 978-0-688-17067-7

Adler, David A.. *A Picture Book of George Washington Carver*. Holiday House, 1999. A brief biography of George Washington Carver. ISBN 978-0-8234-1633-2

Adler, Karen. *California Grapes*. Karen Adler Books, 2004. This children's book helps students understand how grapes came to California and the process involved in getting them from the vineyard to their tables. ISBN 978-0-9679772-4-9

Alarcon, Francisco X. *Laughing Tomatoes*. Children's Book Press, 2005. Selected poems, in both English and Spanish, relate to different food products, such as tomatoes, corn, and chiles. ISBN 978-0-89239-199-8

Anderson, Susan and JoAnne Buggey. *Pigs and Pork in the Story of Agriculture*. Northwest Arm Press, 2009. This colorful book introduces elementary students to the five stages of pigs and pork as they make their way from farm to table. ISBN 978-1-926781-01-3

Anderson, Susan and JoAnne Buggey. *Soybeans in the Story of Agriculture*. Northwest Arm Press, 2009. This book introduces students to steps of production for soybeans as they make their way from farm to table. Facts about soybeans and soybean activities are also included. ISBN 978-0-9811335-2-2

Arnold, Caroline. *Wiggle and Waggle*. Charlesbridge, 2007. Follow Wiggle and Waggle, two wormy best friends, through five chapters as they dig in the dirt and work hard. ISBN 978-1-58089-306-0

Atwell, Debby. *Barn*. Houghton Mifflin Company, 2001. Using text and paintings, the life of a country barn is followed from the late eighteenth-century to the present day. ISBN 978-0-395-78568-3

Bates, Katharine Lee. *America the Beautiful*. G. P. Putnam's Sons, 2005. An illustrated edition of the nineteenth-century poem, later set to music, which celebrates the beauty of America. ISBN 978-0-399-23885-7

Batten, Mary. *Aliens from Earth*. Peachtree Publishers, Ltd, 2003. An intriguing introduction to the serious and ongoing environmental problems caused by invasive plant and animal species and ideas on what young readers can do to minimize their impact on the environment. ISBN 978-1-56145-450-1

Bial, Raymond. *A Handful of Dirt*. Walker & Company, 2000. You'll never look at the ground you walk on in the same way after you've taken this down-in-the-earth photographic tour of one of Earth's most common but precious resources. ISBN 978-0-8027-8698-2

Bial, Raymond. *Portrait of a Farm Family*. Houghton Mifflin Company, 1995. Through words and pictures, the daily life of a farm family describes the chores, challenges, and joys of living on a farm. ISBN 978-0-395-69936-2

Blaisdell, Molly. *Surprising Beans*. Picture Window Books, 2008. Kayla is unhappy when she has to help the family grow beans, but her attitude changes and she finds fun in growing beans. ISBN 978-1-4048-2290-0

Bradby, Marie. *Once Upon a Farm*. Orchard Books, 2002. This poetic book describes the toils and pleasures of life on a family farm. ISBN 978-0-439-31766-5

Bregoli, Jane. *The Goat Lady*. Tilbury House Publishers, 2004. A story about a lady who raises goats and helps others in need. ISBN 978-0-88448-309-0

► Brisson, Pat. *The Summer My Father Was Ten*. Boyds Mills Press, 1999. A father tells his daughter the story of how he destroyed a neighbor's garden when he was a boy and why he gardens today. 9781563978296

Burns, Diane L. *Cranberries: Fruit of the Bogs*. Lerner Publishing Group, 1994. A brief history of the "bog ruby" reveals the berry's versatility and importance to the Native Americans and pilgrims. Shows the activities that take place throughout the growing season on a cranberry farm. ISBN 978-0-87614-822-8

Caduto, Michael and Joseph Bruchac. *Keepers of Life: Discovering Plants Through Native American Stories and Earth Activities for Children*. Fulcrum Publishing, July 14, 1. Native plant legends from 18 Native American tribes. 1555913878

Cheng, Andrea. *When the Bees Fly Home*. Tilbury House Publishers, 2002. Jonathan learns how his family earns a living from beekeeping. ISBN 978-0-88448-238-3

Collins, David. *Pioneer Plowmaker: A Story About John Deere*. Hobar Publications, 2001. John Deere, a young blacksmith in the mid-1880s, created a plow that dirt would not stick to during a potentially disastrous time in Ohio. ISBN 978-0-913163-32-0

► Cox, Judy. *Secret Chicken Society*. Holiday House, 2012. Follow Daniel and classmates through their journey hatching chicks for their science project in this lighthearted chapter book. ISBN 978-0-8234-2372-9

## Intermediate (Grades 4-6)

Cronin, Doreen. *Diary of a Worm*. Joanna Cotler, 2003. This hysterical journal provides an inside look at the hidden world of a comical worm. ISBN 978-0-06-000150-6

DeAngelis, Therese. *The Ojibwa: Wild Rice Gatherers*. Blue Earth Books, 2003. Learn how the Ojibwa plant, harvest, and mill wild rice in the Great Lakes. ISBN 978-0-7368-1537-6

DeLaCroix, Alice. *The Best Horse Ever*. Holiday House, 2010. Abby's going to finally have her very own horse: Griffin, a beautiful bay. As Abby learns how to manage her new horse, she also learns how to maintain an old friendship. ISBN 978-0-8234-2254-8

Dooley, Norah. *Everybody Bakes Bread*. Carolrhoda Books, 1995. A story that introduces children to many different kinds of breads and the recipes to make them. ISBN 978-0-87614-895-2

Dooley, Norah. *Everybody Cooks Rice*. Carolrhoda Books, 1992. A girl's adventure at dinnertime introduces her to a variety of cultures and the ways that rice is used in the evening meal. ISBN 978-0-87614-591-3

Dragonwagon, Crescent. *Home Place*. Aladdin Books, 1993. While out hiking, a family comes upon the site of an old house and finds some clues about the people who once lived there. ISBN 978-0-689-71758-1

Durrant, Lynda. *The Sun, the Rain, and the Apple Seed*. Clarion Books, 2003. Historical fiction about real-life American folk hero Johnny Appleseed. ISBN 978-0-618-23487-5

Dussling, Jennifer. *Picky Peggy*. Kane Press, 2004. Follow Peggy and her baby duck, Fluff, as they discover healthy food. ISBN 978-1-57565-138-5

Fandel, Jennifer. *Louis Pasteur and Pasteurization*. Capstone Press, 2007. Formatted like a graphic novel, this book tells the story of Louis Pasteur's invention of the pasteurization process and the effects of this invention on the spread of disease through food. ISBN 978-0-7368-6844-0

Fleischman, Paul. *Weslandia*. Candlewick Press, 2002. Learn how Wesley starts his own civilization when he plants his own garden. ISBN 978-0-7636-1052-4

Freeman Swain, Ruth. *How Sweet It Is and Was: The History of Candy*. Holiday House, 2003. Learn the story of how certain favorite candies were created, such as fudge, Tootsie Rolls, and taffy. ISBN 978-0-8234-1712-4

Fridell, Ron and Patricia Walsh. *Life Cycle of a Silkworm*. Heinemann Library, 2001. This book takes an in-depth look at the life cycle of a silkworm. ISBN 978-0-431-08462-6

► Ganeri, Anita. *Extreme Nature: Peculiar Plants*. Capstone, 2013. This book introduces readers to the exciting world of peculiar plants. ISBN 978-1-4109-4698-0

Gardiner, John Reynolds. *Stone Fox*. HarperTrophy, 1983. When Willy's grandfather falls ill, it is up to Willy to save the farm from the tax collector. He does so by entering a dog sled competition. ISBN 978-0-06-440132-6

► Garland, Sherry. *Voices of the Dust Bowl*. Pelican Publishing Company, 2012. This collection of representative narratives describes what life was like during the dust bowl. ISBN 978-1-58980-964-2

Gates, Doris. *Blue Willow*. Smith Peter Books, 2000. Janey travels with her father and stepmother to wherever her father can find seasonal work. She dreams of a home like the one on her Blue Willow plate, which belonged to her deceased mother. ISBN 978-0-14-030924-9

Greenwood, Barbara. *A Pioneer Sampler*. Houghton Mifflin, 1998. Looks into a year in the life of the Robertsons, a pioneer family on a backwoods farm in 1840. Includes activities for students. ISBN 978-0-395-88393-8

Gunderson, Jessica. *Eli Whitney and the Cotton Gin*. Capstone Press, 2007. Formatted like a graphic novel, this book tells the story of how Eli Whitney invented the cotton gin and the effects it had on the South. ISBN 978-0-7368-6843-3

Gunderson, Jessica. *The Sunflower Farmer*. Picture Window Books, 2008. Troy's dream is to be a farmer like his grandfather, so his mother helps him plant sunflowers but a disaster strikes. Does the flower survive? ISBN 978-1-4048-2293-1

Gunderson, Mary. *Cowboy Cooking*. Blue Earth Books, 2000. Learn about roundups and trail drives through the recipes cowboys enjoyed throughout history. ISBN 978-0-7368-0353-3

Gunderson, Mary. *Pioneer Farm Cooking*. Blue Earth Books, 2000. Explore history through pioneer farm cooking, recipes, and stories about food storage and cooking. ISBN 978-0-7368-0356-4

Gunderson, Mary. *Southern Plantation Cooking*. Blue Earth Books, 2000. Learn the history of southern plantations while reviewing recipes using the products from the large operations. ISBN 978-0-7368-0357-1

Harbison, Elizabeth M. *Loaves of Fun*. Chicago Review Press, 1999. More than 50 recipes and activities take children on a multicultural journey throughout the ages and across the world to discover the history and uses of bread. ISBN 978-1-55652-311-3

Hardesty, Constance. *Grow Your Own Pizza: Gardening Plans and Recipes for Kids*. Fulcrum Publishing, 2000. For gardeners and food connoisseurs of all ages, this fun yet practical resource takes you step-by-step from dirt to the dinner table. Organized by easy, medium, and advanced level garden plots. ISBN 978-1-55591-398-4

Hart, Avery and Mantell Hart. *Kids Garden!* Williamson Publishing Co, 1996. Using black and white illustrations, this book provides more than 100 activities children and their families or classmates can do to learn more about plants. ISBN 978-0-913589-90-8

▶ Hartman, Eve and Wendy Meshbesh. *What Is the Threat of Invasive Species?* Heinemann Library, 2012. Readers will learn what invasive species are, the problems they can cause, what to do after they arrive, and more in this educational book. ISBN 978-1-4109-4465-8

Hauck, Phillip E. *A Timeless Journey Told by Mr. Walnut.* Dab Publishing Company, 2000. The walnut has made a special place for itself within the cultures of the world. In this book, students discover the folklore and history of the walnut, while learning about botany, horticulture, and production agriculture. ISBN 978-0-9662228-7-6

Hauck, Phillip E. *Plum Full of Prunes.* Dab Publishing, 1999. This tale is magically told as a plum tree progresses in development into a seed, a tree again, a branch, and finally into a happy prune plum. ISBN 978-0-9662228-5-2

Hayford, James. *Gridley Firing.* New England Press, 1989. The family farm is not doing well and young Martin is concerned that the rich contractor, who is buying up land, will buy his farm and build houses, which will move wildlife inhabitants out of their homes. ISBN 978-0-933050-49-5

Heller, Ruth. *The Reason for a Flower.* Putnam Publishing Group, 1999. Brief text and lavish illustrations explain plant reproduction and the purpose of a flower. Uses unique flowering plants as examples. ISBN 978-0-698-11559-0

Hewitt, Sally. *Your Food.* Crabtree Publishing, 2009. Engage students with information about where their food comes from and how they can eat healthfully. ISBN 978-0-7787-4106-0

Hibbert, Clare. *The Life of an Apple.* Raintree, 2004. This book explains how an apple tree develops from a seed and creates new seeds inside fruit called apples. ISBN 978-1-4109-0922-0

Hodges, Meredith. *Jasper: The Story of a Mule.* Lucky Three Productions, 2003. A heartwarming story that introduces children to mules and donkeys in an educational and entertaining way. ISBN 978-0-9702309-8-0

Hopkinson, Deborah. *Up Before Daybreak: Cotton and People in America.* Scholastic, 2006. Trace the history of the cotton industry in America through the centuries, from colonial times to the middle of the twentieth century. ISBN 978-0-439-63901-9

Hunter, Sally M. *Four Seasons of Corn: A Winnebago Tradition.* Lerner Publications Company, 1996. Enjoy learning how the Native American Winnebagos grow and process corn and the traditions they have. ISBN 978-0-8225-9741-4

▶ Jones, Jen. *Cool Crafts with Seeds, Beans, and Cones.* Capstone Press, 2011. Discover “Greencrafts” and learn how to make craft projects using seeds, beans and cones. ISBN 978-1-4296-4767-0

Kalman, Bobbie. *In the Barn.* Crabtree Publishing, 1997. Find out about the history of the farm and the daily chores to be done. ISBN 978-0-86505-463-9

Kalman, Bobbie. *Life on the Ranch.* Crabtree Publishing Company, 1999. Provides historical information on ranchers of the Old West. Colorful pictures and photographs illustrate the complexity of this way of life. ISBN 978-0-7787-0103-3

Kalman, Bobbie. *What is a Plant?* Crabtree Publishing Company, 2000. Learn the basic anatomy of plants, unique characteristics, and how and why plants are essential in various ecosystems. ISBN 978-0-86505-982-5

Kalman, Bobbie and Tammy Everts. *Bugs and Other Insects.* Crabtree Publishing Company, 1995. Through colorful photographs, learn the anatomy of specific insects and some unique characteristics they have. ISBN 978-0-86505-713-5

Keeler, Patricia A. and Francis X. McCall, Jr. *Unraveling Fibers.* Atheneum, 1995. Text and photos show the raising and processing of natural fibers from plants and animals. ISBN 978-0-689-31777-4

Kirby, Pamela. *What Bluebirds Do.* Boyds Mills Press, 2009. A book about bluebirds and how they raise their young. ISBN 978-1-59078-614-7

Kite, Patricia L. *Gardening Wizardry for Kids.* Barron’s Educational Services, 1995. History and folklore associated with common fruits and vegetables and the methods for raising, eating, and crafting with them. ISBN 978-0-8120-8362-0

Kneidel, Sally. *Slugs, Bugs and Salamanders: Discovering Bugs in Your Garden.* Fulcrum Publishing, 1997. Emphasizes the role of insects and other animals in the garden. ISBN 978-1-55591-313-7

Lackey, Jennifer. *The Biography of Wheat.* Crabtree Publishing Company, 2007. Read how wheat, one of the world’s most important food crops, is grown, harvested, sold, and processed into food products. ISBN 978-0-7787-2531-2

Landau, Elaine. *Popcorn!* Charlesbridge, 2003. This book contains historical facts, legends, trivia, and recipes featuring the popular snack food. ISBN 978-1-57091-443-0

Lassieur, Allison. *The Dust Bowl: An Interactive History Adventure.* Capstone Press, 2009. This book catapults readers into the 1930s, where they will reel from the effects of the Great Depression. Readers make decisions that determine the ending of their story. ISBN 978-1-4296-2343-8

## Intermediate (Grades 4-6)

Latta, Sara L. *The Good, the Bad, the Slimy: The Secret Life of Microbes*. Enslow Publishers, Inc, 2006. Discover how microbes live in and on our bodies, help make food, live in extreme environments, and even change history. ISBN 978-0-7660-1294-3

Lauber, Patricia. *Earthworms: Underground Farmers*. Henry Holt and Company, 1994. Take a look at the world of earthworms and learn how important these creatures are to a healthy ecology. ISBN 978-0-8050-1910-0

Lovejoy, Sharon. *Roots, Shoots, Buckets & Boots*. Workman Publishing, 1999. Twelve easy-to-implement ideas for theme gardens that parents, teachers, and kids can grow together are described in this book, including moon gardens and sunflower houses. ISBN 978-0-7611-1765-0

Lovejoy, Sharon. *Sunflower Houses*. Workman Publishing, 2001. Garden discoveries, tips for growing plants, folklore, and crafts for children of all ages. ISBN 978-0-7611-2386-6

Macceca, Michael L. *The World of Plants*. Compass Point Books, 2010. Learn how plants make their own food from sunlight, water, air, and soil. Readers discover how plants are a food source for humans and animals, create products for everyday living, and provide oxygen to breathe. ISBN 978-0-7565-4304-4

Macceca, Stephanie. *George Washington Carver*. Compass Point Books, 2010. A biography on how George Washington Carver overcame circumstances to become an expert on plants. ISBN 978-0-7565-4305-1

MacDonald, Fiona. *Discovering World Cultures: Food*. Crabtree Publishing Company, 2001. Food is essential for life. Learn why different foods are popular in different parts of the world due to climate, cooking methods, and religious practices. ISBN 978-0-7787-0238-2

Markle, Sandra. *Outside and Inside Killer Bees*. Walker & Company, 2004. Colorful photographs teach about bees and some specifics on Africanized honey bees. ISBN 978-0-8027-8906-8

Martin, Elena. *Chocolate, The Story of an Industry*. Newbridge Educational Publishing, 2005. Learn where cacao grows and how it's made into chocolate. 1400740665

Metivier, Gary. *A Hog Ate My Homework*. Wild Horses Publishing, 2009. Willie learns firsthand what a working farm is really like when sent to visit his aunt and uncle on an Iowa farm. ISBN 978-0-9818946-0-7

Micucci, Charles. *The Life and Times of the Honeybee*. Houghton Mifflin, 1997. Depicts the life cycle and habits of the honey bee, describing the organization of the hive and the making of honey. ISBN 978-0-395-86139-4

Milway, Katie Smith. *The Good Garden*. Kids Can Press, Ltd, 2010. A story of a young girl in Honduras who helps her family and community produce more food through new farming methods. ISBN 978-1-55453-488-3

Monroe, Judy. *George Washington Carver: Scientist and Inventor*. Capstone Press, 2006. Learn how George Washington Carver found hundreds of uses for peanuts and sweet potatoes. ISBN 978-0-7368-4345-4

Montgomery, Heather L. *How is Soil Made?* Crabtree Publishing, 2010. Introduces children to the organic and inorganic parts of soil, the nutrient cycles of plants, and decomposition. ISBN 978-0-7787-5414-5

Moore, Eva. *The Story of George Washington Carver*. Scholastic Inc, 1990. This biography describes the life of George Washington Carver, who was born a slave and became a world famous scientist. ISBN 978-0-590-42660-2

Morganelli, Adrianna. *The Biography of Tomatoes*. Crabtree Publishing Company, 2007. This very informative and descriptive book will help readers learn the tomato's history and how tomatoes have become a major part of our diet. ISBN 978-0-7787-2530-5

Moses, Will. *Johnny Appleseed: The Story of a Legend*. Penguin Group, 2004. Colorful folk art accompanies the legend about John Chapman. ISBN 978-0-14-240138-5

Nielsen, L. Michelle. *The Biography of Corn*. Crabtree Publishing Company, 2007. Maize, or corn, was the staple food of many early cultures in South America, Mesoamerica, and the Caribbean. Learn how corn production spread throughout the world. ISBN 978-0-7787-2527-5

O'Donnell, Liam. *The World of Food Chains with Max Axiom Super Scientist*. Capstone Press, 2007. This graphic novel follows the adventures of Max Axiom as he explains the science behind food chains. ISBN 978-0-7368-6839-6

O'Donnell, Liam. *Understanding Photosynthesis with Max Axiom Super Scientist*. Capstone Press, 2007. This graphic novel follows the adventures of Max Axiom as he explains the science behind photosynthesis. ISBN 978-0-7368-6841-9

Overbeck, Cynthia. *How Seeds Travel*. Lerner Publications Company, 1993. This book presents a look at seeds on the move. Colorful photographs trace the journeys made by seeds from such varied plants as the maple tree, the dandelion, pussy willow, and coconut palm. The role of seeds and fruit in plant reproduction is also explained. ISBN 978-0-8225-9569-4

Pallotta, Jerry. *The Spice Alphabet Book*. Charlesbridge, 1994. Information on the history, sources, and uses of herbs, spices, and other natural flavors. ISBN 978-0-88106-898-6



► Parker, Vic. *Kids Making a Difference: Saving the Environment*. Capstone, 2013. This book tells the stories of young people who have helped to make the world a better place through projects in their communities. ISBN 978-1-4329-6504-4

Paulsen, Gary. *Alida's Song*. Yearling, 2001. A grandmother reaches out to a young boy and arranges for him to have a summer job on a farm. ISBN 978-0-440-41474-2

Paulsen, Gary. *The Haymeadow*. Yearling, 1994. John Barron is asked to spend the summer taking care of six sheep and is not quite sure how he will survive. ISBN 978-0-440-40923-6

Perez, L. King. *First Day in Grapes*. Lee & Low Books Inc, 2002. Learn how Chico and his family move up and down the state of California picking fruits and vegetables and about Chico's successes and challenges in school. ISBN 978-1-58430-045-8

Peterson, Cris. *Amazing Grazing*. Boyds Mills Press, 2002. Learn about grazing by examining real ranches throughout the country. ISBN 978-1-56397-942-2

Peterson, Cris. *Century Farm: One Hundred Years on a Family Farm*. Boyds Mills Press, 1999. Family anecdotes and family photos share the story of a 100-year farm as it grew from the 1890s into a thriving dairy. ISBN 978-1-56397-710-7

Peterson, Cris. *Harvest Year*. Boyds Mills Press, 1996. Full-color photos and clear, concise text take readers month-by-month through a sampling of the wide diversity and volume of crops grown throughout the United States. ISBN 978-1-56397-571-4

Polacco, Patricia. *The Keeping Quilt*. Aladdin, 2001. A homemade quilt ties together the lives of four generations of an immigrant Jewish family and remains a symbol of their love and faith. ISBN 978-0-689-84447-8

Powell, Martin. *The Legend of Johnny Appleseed*. Stone Arch Books, 2010. The graphic novel retells the story of Johnny Appleseed and the adventures he encounters traveling across the country planting apple seeds to grow trees. ISBN 978-1-4342-1895-7

Provensen, Alice and Martin Provensen. *The Year at Maple Hill Farm*. Aladdin Books, 2001. Describes the seasonal changes on a farm and surrounding countryside throughout the year. ISBN 978-0-689-84500-0

► Rand, Casey. *The Technology of Farming: Producing Vegetables*. Capstone, 2013. Explore where the vegetables you buy in the grocery store come from. ISBN 978-1-4329-6407-8

Rendon, Marcie R. and Cheryl Walsh Bellville. *Farmer's Market*. Lerner Publishing Group, 2001. Full of colorful photographs, this book describes the efforts of many families who work hard to produce food that is sold at farmers markets. ISBN 978-1-57505-462-9

Rodenas, Paula. *The Random House Book of Horses and Horsemanship*. Random House, 1997. This nonfiction book describes in great detail horse history, anatomy, behavior, breeds, care, and training. ISBN 978-0-679-88726-3

► Rooney, Ronnie. *Thanksgiving Recipes*. Picture Window Books, 2011. Learn about the basics of Thanksgiving and cooking in this fun, easy to follow cookbook dedicated to kids. ISBN 978-1-4048-6283-8

► Roulston, Lorraine. *Pee Wee Goes to the Fair*. Recycling Resource Service, 2008. Follow Pee Wee as he goes to the fair and learn how worm bins are used for composting. ISBN 978-0-9697883-4-8

► Roulston, Lorraine. *Pee Wee's Family in a Nutshell*. Recycling Resource Service, 2005. Follow Pee Wee as he learns the difference between vermicomposting and backyard composting. ISBN 978-0-9697883-2-4

► Roulston, Lorraine. *Pee Wee's Great Adventure*. Recycling Resource Center, 2006. Follow Pee Wee while he learns the vermicomposting process and how worms play a crucial role. ISBN 978-0-9697883-3-1

► Roulston, Lorraine. *Pee Wee's Magical Compost Tea*. Recycling Resource Service, 2011. Learn about compost tea with Pee Wee and his friends. ISBN 978-0-9697883-5-5

► Roulston, Lorraine. *Pee Wee and Magical Compost Heap*. Recycling Resource Service, 1992. Follow Pee Wee through the compost system learning about the different insects involved. ISBN 978-0-9697883-0-0

Royston, Angela. *Life Cycle of a Butterfly*. Heinemann Library, 1998. This book takes an in-depth look at the life cycle of a butterfly. ISBN 978-1-57572-473-7

Ruelle, Karen Gray. *The Tree*. Holiday House, 2008. Trace the beginnings of the oldest elm tree in New York City. Students will follow the 250-year-old tree's life cycle that began long ago with a small little seed. ISBN 978-0-8234-1904-3

Salas, Laura Purdie. *There Goes the Water: A Song About the Water Cycle*. Picture Window Books, 2010. Sing along with the book about the water cycle and read facts about water. ISBN 978-1-4048-5766-7

Schroeder, Lisa. *California Gold Rush Cooking*. Capstone Press, 2000. Learn about the California Gold Rush by exploring some of the recipes that were popular, along with the stories behind these recipes. ISBN 978-0-7368-0603-9

Scott, Emily. *Dinner from Dirt: Ten Meals Kids Can Grow and Cook*. Gibbs Smith Publisher, 1998. This book provides experiential ideas for planting and then cooking with the products. ISBN 978-0-87905-840-1

## Intermediate (Grades 4-6)

Shelby, Anne. *Homeplace*. Scholastic, 2000. Grandmother and grandchild trace the 200-year history of a family, its home, and farm. ISBN 978-0-531-07178-6

Simmons, Lynn Sheffield. *Sugar Lump, The Orphan Calf*. Pelican Publishing Company, 2009. Sugar Lump, a quirky orphan calf, needs someone to care for him, and Marcy accepts the responsibility. As the calf grows, he and Marcy experience many adventures and form a unique bond. ISBN 978-1-58980-216-2

Singer, Marilyn. *Eggs*. Holiday House, 2008. This picture book contains many surprising facts about eggs and the resourceful methods used to protect them. ISBN 978-0-8234-1727-8

Sirota, Lyn A. *Out of Control: The Science of Wildfires*. Compass Point Books, 2009. Readers learn how firefighters and foresters manage, contain, and even predict outdoor blazes in this science-based book. Includes a timeline, glossary, and additional resources. ISBN 978-0-7565-4064-7

► Siy, Alexandra. *Bug Shots: The Good, The Bad, and the Ugly*. Holiday House, 2011. This book compiles “rap sheets” on several of the major categories of insects and encourages readers to investigate insect habits, good and bad. ISBN 978-0-8234-2286-9

Slack, Judy. *Crunching Carrots, Not Candy*. Judy Slack, 2006. This book brings a colorful look into healthy snacks; written in English and Spanish. ISBN 978-1-59975-747-6

Slade, Suzanne. *What if There Were No Bees?* Picture Window Books, 2011. A book about the grassland ecosystem showing what would happen to the ecosystem if bees disappeared. ISBN 978-1-4048-6019-3

► Slingerland, Janet. *The Secret Lives of Plants!* Capstone Press, 2012. In this comic style book, learn about the life cycle of plants and how the roots, leaves, and blossoms are always working, even if you can't see them. ISBN 978-1-4296-7686-1

Sohi, Morteza. *Look What I Did with a Leaf!* Walker Publishing, 1993. Provides examples of different kinds of animals that can be made out of leaves and suggests various uses for the finished product. ISBN 978-0-8027-8215-1

► Somerville, Barbara. *The Technology of Farming: Producing Grains*. Capstone, 2013. Producing Grains is part of The Technology of Farming series which explores the technology that gets food from the farm to your plate. ISBN 978-1-4329-6409-2

► Somerville, Barbara. *The Technology of Farming: Producing Fish*. Capstone, 2013. This book provides information on the history of fishing, types of fishing, aquaculture and measures to conserve our fisheries. ISBN 978-1-4329-6405-4

Sonneborn, Liz. *Corn: An American Invention*. Newbridge Educational Publishing, 2005. Learn how the earliest farmers grew the first corn and why it is such an important part of America's history. ISBN 978-1-4007-3964-6

Sorensen, Virginia. *Miracles on Maple Hill*. Odyssey Classics, 2003. Meet a loving family and learn about the first miracle of the new year when the sap begins to rise in the maple trees so the family can make syrup. ISBN 978-0-15-204718-4

Spaulding, Dean T. *Housing Our Feathered Friends*. Lerner Publications Company, 1997. Learn a variety of ways to make birdhouses and some interesting facts about these birds. ISBN 978-0-8225-3176-0

Spilsbury, Louise and Richard Spilsbury. *Plant Classification*. Heinemann Library, 2003. Describes how plants are grouped together by their features and characteristics. ISBN 978-0-431-11890-1

Spilsbury, Louise and Richard Spilsbury. *Plant Growth*. Heinemann Library, 2003. Describes what plants need for growth, how they make food, and what happens when they die. ISBN 978-0-431-11888-8

Spilsbury, Louise and Richard Spilsbury. *Plant Habitats*. Heinemann Library, 2003. Describes the different ways plants adapt to life in the many different habitats found on Earth. ISBN 978-1-4034-0503-6

Spilsbury, Louise and Richard Spilsbury. *Plant Parts*. Heinemann Library, 2003. From bean sprouts to redwood trees, this book looks at how different plants are made of the same parts. ISBN 978-1-4034-0504-3

Spilsbury, Louise and Richard Spilsbury. *Plant Products*. Heinemann Library, 2003. Describes the many ways people use plants in their daily lives. ISBN 978-1-4034-0505-0

Spilsbury, Louise and Richard Spilsbury. *Plant Reproduction*. Heinemann Library, 2003. Describes how plants scatter their seeds by using insects, animals, and the wind. ISBN 978-0-431-11889-5

Stevens, Jan Romero. *Carlos and the Cornfield, Carlos y la Milpa de Maiz*. Rising Moon Books, 1999. This book, with both English and Spanish text, describes how Carlos learns about working in a cornfield. ISBN 978-0-87358-735-8

Stille, Darlene. *Altering the Biological Blueprint: The Science of Genetic Engineering*. Compass Point Books, 2011. This book is about biotechnology techniques and the challenges it must overcome. ISBN 978-0-7565-4049-4

Tang, Greg. *The Grapes of Math*. Scholastic Press, 2004. Use a few problem-solving techniques to solve the math puzzles in this book. Many have themes of fruits, vegetables, and insects. ISBN 978-0-439-59840-8

Thomas, Peggy and Layne Johnson. *Farmer George Plants a Nation*. Boyds Mills Press, 2008. Through George Washington's letters we learn how his efforts to create a self-sufficient farm mirrored his struggle to create a free nation. ISBN 978-1-59078-460-0

Thorson, Kristine and Robert Thorson. *Stone Wall Secrets*. Tilbury House, 2001. On an autumn day, a grandfather and grandson repair the wall on their Maine farm. ISBN 978-0-88448-229-1

Tuft, Lynne. *The Grapes Grow Sweet*. Studio Eight River Press, 1996. A captivating glimpse of growing up on a family vineyard in wine country. ISBN 978-0-9656092-9-6

Urbigkit, Cat. *Cattle Kids*. Boyds Mills Press, 2007. Cowboys and cowgirls take part in many aspects of livestock operations. ISBN 978-1-59078-508-9

Urbigkit, Cat. *The Shepherd's Trail*. Boyds Mills Press, 2008. This book is about a shepherd's trail of herding sheep from breeding season to lambing season. ISBN 978-1-59078-509-6

Van Allsburg, Chris. *Two Bad Ants*. Houghton Mifflin Company, 1988. A group of ants sets out to please their queen by gathering all they can of a delicious crystal. But two ants become greedy and experience far more than they anticipated. ISBN 978-0-395-48668-9

Wallace, Bill and Carol. *That Doggone Calf*. Holiday House, 2009. Cookie, a calf, thinks he is going to be in charge of the cattle, but Hoss, the dog, is not about to give up his job. ISBN 978-0-8234-2228-9

Waters, Kate. *Samuel Eaton's Day*. Scholastic, 1996. Describes the busy life of children on the Plimoth Plantation in the 1600s in text and pictures. ISBN 978-0-590-48053-6

Waters, Kate. *Sarah Morton's Day*. Scholastic, 1993. Describes the busy life of children on the Plimoth Plantation in the 1600s in text and pictures. ISBN 978-0-590-47400-9

Weakland, Mark. *Onion Juice, Poop, and Other Surprising Sources of Alternative Energy*. Capstone Press, 2011. Dig into some interesting new sources of energy through this "Nasty (But Useful!) Science" book. ISBN 978-1-4296-4536-2

Wellington, Monica. *Zinnia's Flower Garden*. Puffin Books, 2005. Young readers will see how Zinnia's garden grows from seeds to flowers. ISBN 978-0-14-240787-5

White, E.B. *Charlotte's Web*. HarperCollins, 2005. Charlotte the spider, Wilbur the pig, and Fern, a little girl, present a classic tale of life on a farm. ISBN 978-0-06-441093-9

Wiesner, David. *June 29, 1999*. Clarion Books, 1992. While third grade classmates are sprouting seeds in paper cups, Holly has a more innovative science project in mind. ISBN 978-0-395-59762-0

Wilder, Laura Ingalls. *Little House on the Prairie*. HarperTrophy, 2004. One of her many books depicting life on the prairie and homesteading. ISBN 978-0-06-058181-7

Wilder, Laura Ingalls. *Winter on the Farm*. HarperCollins, 1997. This simple text allows readers to meet Almonzo and learn what he does on a busy day on the family farm. ISBN 978-0-06-440692-5

## Middle School Grades 7-8

► Indicates new for 2013-2014

Bauer, Joan. *Squashed*. Putnam Juvenile, 2001. Ellie Morgan's life would be almost perfect if she could get her potentially prizewinning pumpkin to put on about 200 pounds before the Rock River Pumpkin Weigh-In. ISBN 978-0-14-240426-3

Bial, Raymond. *The Super Soybean*. Albert Whitman & Company, 2007. Learn a piece of history, as well as nutrition facts and the benefits of soybean. ISBN 978-0-8075-7549-9

Caduto, Michael J. and Joseph Bruchac. *Native American Gardening: Stories, Projects and Recipes for Families*. Fulcrum Publishing, 1996. Stories, projects, and recipes that relate to Native Americans from North America. Each story relates to one aspect of gardening, such as soil preparation or harvest. ISBN 978-1-55591-148-5

Davidson, Joe. *Fruit Crate Art*. Book Sales, 1990. Contains colored photographs of fruit and vegetable labels found on wood boxes and a history of the labels, art, and advertising associated with them. ISBN 978-1-55521-664-1

Ekarius, Carol. *Pocketful of Poultry*. Storey Publishing, 2007. In this handbook, discover interesting facts about chickens, turkeys, ducks, and geese. ISBN 978-1-58017-677-4

Enderle, Dotti. *Crosswire*. Boyds Mills Press, 2010. The cruel Texas drought of 1883 has Jesse and his family in turmoil. Crops are drying out, and desperate free-range cattlemen are cutting fences and trespassing with their thirsty herds, threatening the family's precious water supply. ISBN 978-1-59078-751-9

Fleischman, Paul. *Seedfolks*. HarperTrophy, 1999. One by one, a number of people of varying ages and backgrounds transform a trash-filled inner-city lot into a productive and beautiful garden. In doing so, the gardeners are themselves transformed. ISBN 978-0-06-447207-4

Hawke, Sharryl Davis and James E. Davis. *Seeds of Change*. Addison-Wesley, 1992. The story of cultural exchange between the Old and New World since 1492, emphasizing the horse, potato, corn, sugar, and disease. Adapted from original Smithsonian edition of Seeds of Change. ISBN 978-0-201-29419-4

Hesse, Karen. *Out of the Dust*. Scholastic Press, 1999. In a series of poems, 5-year-old Billie Jo relates the hardships of living on her family's wheat farm in Oklahoma during the Dust Bowl years of the Depression. ISBN 978-0-590-36080-7

Hughes, Meredith Sayles. *Stinky and Stringy: Stem and Bulb Vegetables*. Lerner Publications Company, 1998. Examines the discovery and migration of onions, garlic, leeks, celery, asparagus, and rhubarb, as well as their roles in cooking, technology, and world cultures. ISBN 978-0-8225-2833-3

Hughes, Meredith Sayles. *Yes, We Have Bananas: Fruits from Shrubs and Vines*. Lerner Publications Company, 1999. Examines the discovery and migration of bananas, berries, and melons, as well as their roles in cooking, technology, and world cultures. ISBN 978-0-8225-2836-4

Jimenez, Francisco. *Breaking Through*. Houghton Mifflin Company, 2001. This compelling autobiography tells the story of a young boy and his family and their struggle to survive economically. ISBN 978-0-618-34248-8

Jimenez, Francisco. *The Circuit*. University of New Mexico Press, 1997. This series of short stories about the life of a migrant child follows a family through their circuit of work over the years. ISBN 978-0-8263-1797-1

Maze, Stephanie. *I Want to Be a Veterinarian*. Harcourt, 1999. Photos and facts describe different kinds of vets, how veterinary science began, and where it is headed. Also shows how to begin exploring the career. ISBN 978-0-15-201965-5

Nelson, Marilyn. *Carver: A Life in Poems*. Front Street, 2001. This collection of poems provides a compelling and revealing portrait of George Washington Carver's complex and profoundly devout life. ISBN 978-1-886910-53-9

Parker, Steve. *Ferns, Mosses and Other Spore-Producing Plants*. Compass Point Books, 2010. From hornworts to tree ferns, this book examines how spore-producing plants get energy and reproduce. Investigate how people use them for food, decoration, and medicine. ISBN 978-0-7565-4220-7

Parker, Steve. *Molds, Mushrooms and Other Fungi*. Compass Point Books, 2010. This book introduces readers to the fungi kingdom, from familiar mushrooms to unicellular plants. Discover how fungi recycle dead matter into useful nutrients. ISBN 978-0-7565-4223-8

Parker, Steve. *Redwoods, Hemlocks and Other Cone-Bearing Plants*. Compass Point Books, 2010. This guide examines various types of conifers, from the redwoods to the spruces, and their use in everyday life. ISBN 978-0-7565-4221-4

Parker, Steve. *Sunflowers, Magnolia Trees and Other Flowering Plants*. Compass Point Books, 2010. This book explores the history of flowering plants and examines how they reproduce and obtain energy. Readers learn how flowering plants are used in agriculture. ISBN 978-0-7565-4222-1

► Parker, Vic. *Kids Making a Difference: Saving the Environment*. Capstone, 2013. This book tells the stories of young people who have helped to make the world a better place through projects in their communities. ISBN 978-1-4329-6504-4

Renna, Christine Hartnagle. *Herding Dogs: Selecting and Training the Working Farm Dog*. BowTie, Inc, 2009. Readers learn everything from selecting the perfect herding-breed puppy to specific advice about training, health, and day-to-day care. ISBN 978-1-59378-737-0

Stille, Darlene. *Soil: Digging Into Earth's Vital Resource*. Compass Point Books, 2005. Learn how soil management is crucial, as it is used in so many ways—from producing food to making homes and producing fibers. ISBN 978-0-7565-0857-9

Stille, Darlene R. *Erosion: How Land Forms, How Land Changes*. Compass Point Books, 2005. Learn how erosion is constantly changing, creating, and erasing features on Earth's surface. ISBN 978-0-7565-0854-8

Stille, Darlene R. *Minerals: From Apatite to Zinc*. Compass Point Books, 2005. Learn about minerals and how more than 3,000 minerals build the rocks on Earth. ISBN 978-0-7565-0855-5

Stille, Darlene R. *Natural Resources: Using and Protecting Earth's Surface*. Compass Point Books, 2005. Learn about the substances found in nature that people use, how they are obtained, and how they can be conserved. ISBN 978-0-7565-0856-2

Wallace, Marianne D. *America's Forests*. Fulcrum Publishing, 2009. A comprehensive guide about diverse habitats of North American forests. ISBN 978-1-55591-595-7

Whitman, Sylvia. *What's Cooking? The History of American Food*. Lerner Publications Company, 2001. This book links food to the big picture of agriculture and changes in transportation and health. ISBN 978-0-8225-1732-0

Wilson, Nancy Hope. *Becoming Felix*. Econo-Clad Books, 2001. JJ's family are dairy farmers, but he doesn't learn what that truly means until there is a struggle. ISBN 978-0-380-72945-6

## High School and Adult Grades 9-12

Ableman, Michael. *On Good Land: An Autobiography of an Urban Farm*. Chronicle Books, 1998. At a time when small farms are disappearing at a staggering rate, this book provides an example of how one small farm can make a difference. ISBN 978-0-8118-1921-3

Adams, Barbara. *Micro Eco-Farming*. New World Publishing, 2004. This book explains how to start and succeed in micro eco-farming. ISBN 978-0-9632814-3-2

Adams, Marilyn. *Rhythm of the Seasons: A Journey Beyond Loss*. Sta-Kris, 2007. Share the emotions a family feels after the loss of a family member from a farm incident. ISBN 978-1-882835-38-6

Artley, Bob. *Christmas on the Farm*. Pelican Publishing Company, 2003. Learn about farming and what it was like during Christmas time in the 1920s. ISBN 978-1-58980-108-0

Artley, Bob. *Once Upon a Farm*. Pelican Publishing Company, 2000. Through detailed illustrations and text, this book shows the seasons of an old-time farm. ISBN 978-1-56554-753-7

Artley, Bob and Rob Artley. *Memories of a Farm Kitchen*. Pelican Publishing Company, 2010. In the farm home of America's past, the hearth of the home—the kitchen—represented the warmth and well-being of the family that met daily to enjoy hearty, homemade food and converse with pleasure. ISBN 978-1-58980-150-9

Baron, Robert C. *The Garden and Farm Books of Thomas Jefferson*. Fulcrum Publishing, 1988. Reproductions of Jefferson's garden and farm journals, along with selected correspondence on gardening and farming from Jefferson to Washington, Adams, Madison, and others. ISBN 978-1-55591-013-6

Biggs, Matthew et. al. *Vegetables, Herbs & Fruit*. Laurel Glen, 2002. This illustrated encyclopedia features detailed information, tips, and advice on edible plants and gardening. ISBN 978-1-55407-126-5

Bromfield, Louis. *Malabar Farm*. Wooster Books Co, 1999. This nonfiction book, in journal form, describes the life as it was on Malabar farm. ISBN 978-1-888683-84-4

Bucklin-Sporer, Arden and Rachel Kathleen Pringle. *How to Grow a School Garden: A Complete Guide for Parents and Teachers*. Timber Press, Inc, 2010. Using a practical and hands-on approach, this book provides everything parents and teachers need to plan, build, use, and maintain a school garden. Includes lesson plans, design ideas, and recipes. ISBN 978-1-60469-000-2

## High School and Adult (Grades 9-12)

California School Garden Network. *Gardens for Learning*. California School Garden Network, 2006. This comprehensive guidebook provides a strong foundation to support the growing school garden movement. ISBN 978-0-9788693-0-4

Carle, David. *Drowning the Dream*. Greenwood Publishing Group, 2000. This book illustrates how imported water has transformed the Golden State's environment and quality of life. Using first-hand voices of Californians to reveal the resulting changes, Carle concludes that the new millennium may be the time to stop drowning the California Dream. ISBN 978-0-275-96719-2

Costa, Temra. *Farmer Jane: Women Changing The Way We Eat*. Gibbs Smith, 2010. Thirty stories of women leaders that are working on changing the way America eats and farms through their food businesses. ISBN 978-1-4236-0562-1

Cranshaw, Whitney. *Pests of the West*. Fulcrum Publishing, 1998. A handbook with photographs that may aid today's home gardener or family farmer. ISBN 978-1-55591-401-1

DeGregori, Thomas. *Bountiful Harvest. Technology, Food Safety, and the Environment*. CATO Institute, 2002. The author expresses his opinion that technology, like an art, expresses the creativity of human beings and provides a world that is better fed. ISBN 978-1-930865-31-0

Dole, Medical and Nutrition Experts from Mayo, David Murdock, University of California at Los Angeles. *Encyclopedia of Foods*. Academic Press, 2001. This book lists a variety of fruits and vegetables and explains the health benefits of each. ISBN 978-0-12-219803-8

Eckarius, Carol. *Hobby Farm: Living Your Rural Dream for Pleasure and Profit*. BowTie, Inc, 2005. This illustrated how-to book offers an intimate look at life on a hobby farm, providing guidance to those who want to start their own. ISBN 978-1-931993-59-3

Ekarius, Carol. *Pocketful of Poultry*. Storey Publishing, 2007. In this handbook, discover interesting facts about chickens, turkeys, ducks, and geese. ISBN 978-1-58017-677-4

Fleischman, Paul. *Seedfolks*. HarperTrophy, 1999. One by one, a number of people of varying ages and backgrounds transform a trash-filled inner-city lot into a productive and beautiful garden. In doing so, the gardeners are themselves transformed. ISBN 978-0-06-447207-4

Frost, Robert. *Versed in Country Things*. Bulfinch Press, 1996. Twenty of Frost's poems are complemented with black and white images of New England stone walls, farmhouses, and snowy woods. ISBN 978-0-8212-2288-1

Gibson, Eric. *Sell What You Sow*. New World Publishing, 1994. Reference book provides growers details on how to successfully market produce. ISBN 978-0-9632814-0-1

Green-Armytage, Stephen. *Extraordinary Chickens*. Harry N. Abrams, Inc, 2003. This photographic journal depicts the amazing variety of exotic chickens. ISBN 978-0-8109-9129-3

Hansen, Ann Larkin. *Hobby Farms: Beef Cattle*. BowTie, Inc, 2006. A hands-on guide to feeding, handling, and raising a small herd. With helpful tips, color photos, and a comprehensive glossary. ISBN 978-1-931993-68-5

Harris, Patricia and David Lyon and Sue McLaughlin. *The Meaning of Food*. The Globe Pequot Press, 2005. This companion book to the public television series, "The Meaning of Food," reminds readers of the role food and cooking plays in people's lives. ISBN 978-0-7627-3837-3

Haslam, Gerald. *The Great Central Valley: California's Heartland*. University of California Press, 1993. This photographic journal and accompanying text depicts California's heartland, the Great Central Valley. ISBN 978-0-520-07777-5

Heron, Katrina. *Come to the Table: The Slow Food Way of Living*. Slow Food Nation, 2008. Twelve California farmers that are farming locally and organically share their reasons for making this their way of life. ISBN 978-1-60529-895-5

Hesser, Leon. *The Man Who Fed the World*. Durban House, 2009. A biography of Dr. Norman Borlaug, Nobel Peace Prize recipient for averting hunger and famine, is credited with saving hundreds of millions of lives from starvation. ISBN 978-0-9818486-6-2

Horn, Tammy. *Bees in America: How the Honey Bee Shaped a Nation*. The University Press of Kentucky, 2005. This book is an enlightening cultural history of bees and beekeeping in the United States. ISBN 978-0-8131-2350-9

Hundley, Jr., Norris. *The Great Thirst*. University of California Press, 2001. In this detailed text, Hundley describes the history of water development in California while providing his opinions. ISBN 978-0-520-22455-1

Hussa, Linda. *The Family Ranch: Land, Children, and Traditions in the American West*. University of Nevada Press, 2009. Get an inside view of the lives of six diverse ranching families in the twenty-first century, the land that shapes their days and nights and the challenges they must face. ISBN 978-0-87417-771-8

Janigian, Aris. *Bloodvine*. Heyday Books, 2005. A dramatic tale of a man's struggle to come to terms with love and betrayal as he and his half-brother make decisions about the 40 acres of prime vineyard they inherit. ISBN 978-1-890771-98-0

Jeavons, John. *How to Grow More Vegetables*. Ten Speed Press, 2006. A how-to and reference, this text includes instructions, illustrations, and charts about gardens and growing. ISBN 978-1-58008-796-4

Jones, Idwal. *The Vineyard*. UC Press, 1997. Set in the Napa Valley at the turn of the century, this novel evokes the characters' love of the land and the rhythms of life lived close to the earth and its seasons. ISBN 978-0-520-21090-5

Langlois, Cherie. *Hobby Farms: Ducks*. BowTie, Inc, 2008. This book offers essential information on tending a small-scale flock, with full-color photos, a glossary, and advice from experienced duck farmers. ISBN 978-1-933958-16-3

Loewer, Peter. *Thoreau's Garden: Native Plants for American Landscape*. Stackpole Books, 2002. This book weaves excerpts from Thoreau's journals with notes and ideas about specific native plants. ISBN 978-0-8117-2948-2

London, Jack. *The Valley of the Moon*. Kessinger Publishing Company, 2007. Traces the lives of Billy and Saxon Roberts from the labor strife of Oakland at the turn of the century through Central and Northern California in search of land they can farm independently. ISBN 978-1-60312-078-4

Louv, Richard. *Last Child in the Woods: Saving Our Children From Nature Deficit Disorder*. Algonquin Books of Chapel Hill, 2005. This author points out that children need to connect with the outdoors and the natural world to avoid behavior challenges, including Attention Deficit Disorder. ISBN 978-1-56512-391-5

Madigan, Carleen. *The Backyard Homestead*. Storey Publishing, 2009. Learn how to grow your own food, and how to harvest, cook, preserve, cure, and pickle the food you have grown on just a quarter acre. ISBN 978-1-60342-138-6

Masumoto, David Mas. *Epitaph for a Peach*. HarperCollins, 1996. Four seasons in the life of a California peach and raisin farmer. ISBN 978-0-06-251025-9

Masumoto, David Mas. *Four Seasons in Five Senses: Things Worth Savoring*. W.W. Norton & Company, 2004. In this collection of essays, the author, a peach and raisin farmer, explores life through the five senses, making you realize that there is a farmer behind each piece of food you eat. ISBN 978-0-393-32536-2

Masumoto, David Mas. *Harvest Son*. W.W. Norton & Company, 1999. In his second book based on his life as a California farmer/philosopher, Mas Masumoto creates a tribute to family, farm, and community using prose described as having zen-like calm and clarity. ISBN 978-0-393-31974-3

McClure, Susan. *Culinary Gardens From Design to Palate*. Fulcrum Publishing, 1997. This book, filled with photographs, descriptions, and recipes, highlights various contemporary gardens, as well as gardens from around the world. ISBN 978-1-55591-311-3

McClurg, Sue. *Water and the Shaping of California*. Heyday Books, 2001. This chronicle of California's waters follows the history of the precious resource from the Spanish settlement period through the Gold Rush to the ban of hydraulic mining. It also follows the rise of irrigated agriculture, various conservation movements, and the current grassroots growth of today's watershed conservation movement. Highlights an extensive water photograph collection. ISBN 978-1-890771-33-1

McFarlen, Arie B. *Hobby Farms: Pigs*. BowTie, Inc, 2008. A comprehensive guide for raising a small herd. Complete with full-color photos, a helpful glossary, and expert advice from real pig farmers. ISBN 978-1-933958-18-7

National Gardening Association. *Dictionary of Horticulture*. Viking, 1994. A resource book from A to Z explains and defines gardening terms. ISBN 978-0-670-84992-5

Pearlstein, Leo. *Celebrity Stew*. Hollywood Circle Press, 2003. Leo Pearlstein describes his working life in public relations, which included promoting numerous farm commodities using famous people such as Dinah Shore and Bob Hope. ISBN 978-0-9711306-0-9

Pryor, Alton. *Cowboys: The End of the Trail*. Stagecoach Pub, 2005. The American cowboy has been glamorized by every generation since he came into existence. Learn how the cowboy's life often went down roads better left untraveled. ISBN 978-0-9747551-2-0

Pukite, John. *A Field Guide to Cows*. Penguin Books, 1998. Describes the 52 breeds of cattle in a format that assists in their identification. ISBN 978-0-14-027388-5

Reisner, Marc. *Cadillac Desert: The American West and Its Disappearing Water*. Penguin Books, 1993. In this expose, the intriguing history of American West water development is described beginning with the earliest settlers to the establishment of large cities. ISBN 978-0-14-017824-1

Rosen, Michael J. *Down to Earth*. Harcourt Brace & Co, 1998. Forty-one authors and illustrators of books for children share their gardening experiences. Includes gardening activities and recipes. ISBN 978-0-15-201341-7

Satin, Morton. *Food Alert: The Ultimate Sourcebook for Food Safety*. Checkmark Books, 1999. Learn about the 20 most common causes of food contamination in your kitchen, steps you can take to lower the risk of foodborne illness, how to avoid eating contaminated food, and how to tell if you may be suffering from a foodborne illness. ISBN 978-0-8160-3935-7

Scheuring, Ann Foley. *Science and Service*. Regents of the University of California, Division of Agriculture and Natural Resources, 1995. A scholarly book on the history of the land-grant universities and agriculture in California. ISBN 978-1-879906-17-4

## High School and Adult (Grades 9-12)

Simonelli, Jeanne and Charles Winter. *Too Wet to Plow*. New Amsterdam Books, 1990. This photographic chronicle, with accompanying words, provides one person's perspective on dairy farming's annual cycle. ISBN 978-0-941533-64-5

Smith, Bruce. *Emergence of Agriculture*. W. H. Freeman and Company, 1994. The emergence and expansion of agriculture in many places of the world. ISBN 978-0-7167-6030-6

Stanley, Jerry. *Cowboys & Longhorns: A Portrait of the Long Drive*. Crown Books for Young Readers, 2003. This true story about longhorn cattle and American cowboys includes excerpts from firsthand accounts, photos, maps, and more. ISBN 978-0-375-91565-9

Stuart, Jesse. *Come Back to the Farm*. Jesse Stuart Foundation, 2001. This collection of 16 stories provides an essence of Appalachian life, which includes the pioneer spirit and self-reliance. ISBN 978-0-945084-94-5

Taylor, Judith M. *The Olive in California*. Ten Speed Press, 2000. This book brings together the history of the olive, from its beginning in ancient Mediterranean civilizations to the present, and clearly depicts an accurate account of the technology and science of the olive processing industry. ISBN 978-1-58008-131-3

Toussaint-Samat, Maguelonne. *A History of Food*. Blackwell Reference, 1994. This is a thorough and detailed reference book on the history of foods and food uses. ISBN 978-0-631-19497-2

Turner, Jack. *Spice: A History of Temptation*. Alfred A. Knopf, 2005. An original history of the spice trade and the appetites that fueled it, including discussions on spice myths, archeology, and literature. ISBN 978-0-375-70705-6

United States Department of Agriculture. *Americans in Agriculture: Portraits of Diversity*. The 1990 Yearbook of Agriculture, 1990. People of American agriculture, their jobs, lives, goals, and families. Includes facts and figures about our food and fiber system. ISBN 978-0-7368-2283-1

Viola, Herman J. and Carolyn Margolis. *Seeds of Change*. First Glance Books, 1991. Words and photos explain the encounter and exchange of plants and animals between the Old and New Worlds and the transformation of peoples and land in the 500 years since Columbus. ISBN 978-1-56098-035-3

Ward, Lesley. *Your Healthy and Happy Horse*. BowTie Inc, 2003. Tips, techniques, and color photos teach readers how to ride, train, and develop a lasting relationship between horse and owner. ISBN 978-1-931993-40-1

Weaver, Sue. *Hobby Farms: Chickens*. BowTie, Inc, 2005. An instructional guide that directs new and experienced farmers through the nuances of tending a small-scale flock. ISBN 978-1-931993-48-7

Weaver, Sue. *Hobby Farms: Goats*. BowTie, Inc, 2006. This guide contains essential information on choosing, breeding, and tending goats while also offering fun and fascinating facts. ISBN 978-1-931993-67-8

Weaver, Sue. *Hobby Farms: Sheep*. BowTie, Inc, 2005. Readers get advice on raising sheep straight from the farm, including detailed charts, a comprehensive glossary, and fun sheep trivia. ISBN 978-1-931993-49-4

Weaver, William Woys. *100 Vegetables and Where They Came From*. Algonquin Books, 2000. Enjoy learning about 100 intriguing vegetables from around the world, some of which are regulars on the dinner table. ISBN 978-1-56512-238-3

Wilson, David Stark. *Structures of Utility*. Heyday Books, 2003. Through an architect's eye, view the amazing photographs of packing sheds, grain silos, wooden tank house outbuildings, and mine elevators and appreciate how their presence has impacted California. ISBN 978-1-890771-62-1

Yafa, Stephen. *Big Cotton: How a Humble Fiber Created Fortunes, Wrecked Civilizations, and Put America on the Map*. Viking Press, 2005. A novel that discusses how the cultivation and production of cotton profoundly helped shape human history and impacts the way we live. ISBN 978-0-670-03367-6

Yogi, Stan. *Highway 99: A Literary Journey through California's Great Central Valley*. Heyday Books, 1996. This anthology, which includes more than 70 writers, provides a rich view of the region's physical and emotional landscape. ISBN 978-0-930588-82-3

Zuckerman, Larry. *Potato: How the Humble Spud Rescued the Western World*. North Point Press, 1999. Tells the story of how this vegetable, once regarded as trash food, had a revolutionary impact on Western history. ISBN 978-0-86547-578-6



# Agricultural Websites

This list of websites was compiled by California Foundation for Agriculture in the Classroom and is offered as an informational resource. It contains sites established by California agricultural groups, educational organizations, governmental agencies, universities, colleges, and private companies. At the time of this printing, California Foundation for Agriculture in the Classroom's Resource Review Committee considered these websites to have valuable information for educators. The entities or content of sites on this list are not necessarily endorsed by California Foundation for Agriculture in the Classroom, the California Farm Bureau Federation, or by the editor.

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
<b>Ag in the Classroom</b>					
Alabama Agriculture in the Classroom	<a href="http://www.alabamaaitc.org">www.alabamaaitc.org</a>	X	X		
Alaska Agriculture in the Classroom	<a href="http://www.alaskafb.org/~akaaitc">www.alaskafb.org/~akaaitc</a>	X	X		
American Farm Bureau Foundation for Agriculture	<a href="http://www.agfoundation.org">www.agfoundation.org</a>	X	X		X
Arizona Agriculture in the Classroom	<a href="http://cals.arizona.edu/agliteracy">cals.arizona.edu/agliteracy</a>	X			
Arkansas Agriculture in the Classroom	<a href="http://www.arfb.com/education-youth/ag-classroom/default.aspx">www.arfb.com/education-youth/ag-classroom/default.aspx</a>	X			
California Foundation for Agriculture in the Classroom	<a href="http://www.LearnAboutAg.org">www.LearnAboutAg.org</a>	X	X	X	
Colorado Foundation for Agriculture	<a href="http://www.growingyourfuture.com">www.growingyourfuture.com</a>		X		
Connecticut Agriculture in the Classroom	<a href="http://www.ctaef.org">www.ctaef.org</a>	X			
Delaware Agriculture in the Classroom	<a href="http://dda.delaware.gov">dda.delaware.gov</a>	X			
El Dorado County Ag in the Classroom	<a href="http://www.agintheclass-edc.org">www.agintheclass-edc.org</a>	X	X		
► FFA Today	<a href="http://www.schooltube.com/user/nationalffa">www.schooltube.com/user/nationalffa</a>		X	X	
Florida Agriculture in the Classroom	<a href="http://www.flagintheclassroom.com">www.flagintheclassroom.com</a>	X	X	X	
Georgia Agriculture In the Classroom	<a href="http://www.gfb.org/programs/aic">www.gfb.org/programs/aic</a>		X		
Idaho Agriculture in the Classroom	<a href="http://www.idahoaitc.org">www.idahoaitc.org</a>	X			
Illinois Agriculture in the Classroom	<a href="http://www.agintheclassroom.org">www.agintheclassroom.org</a>		X	X	
Iowa Agriculture in the Classroom	<a href="http://www.iowafarmbureau.com">www.iowafarmbureau.com</a>	X			
Kansas Foundation for Agriculture in the Classroom	<a href="http://www.ksagclassroom.org">www.ksagclassroom.org</a>	X	X	X	
Louisiana Agriculture in the Classroom	<a href="http://www.aitcla.org">www.aitcla.org</a>	X	X		
Maryland Agriculture in the Classroom	<a href="http://www.maefonline.com">www.maefonline.com</a>		X		
Massachusetts Agriculture in the Classroom	<a href="http://www.umass.edu/umext/mac">www.umass.edu/umext/mac</a>		X		X
Michigan Agriculture in the Classroom	<a href="http://www.miagclassroom.org">www.miagclassroom.org</a>	X			
Minnesota Agriculture in the Classroom	<a href="http://www.mda.state.mn.us/kids">www.mda.state.mn.us/kids</a>		X		X
Mississippi Agriculture in the Classroom	<a href="http://www.msfb.com/Programs/aitc.aspx">www.msfb.com/Programs/aitc.aspx</a>		X	X	
Missouri Agriculture in the Classroom	<a href="http://www.mofb.org/Agintheclassroom.aspx">www.mofb.org/Agintheclassroom.aspx</a>	X			
Nebraska Foundation for Agricultural Awareness	<a href="http://www.ne-aitc.org">www.ne-aitc.org</a>		X		
Nevada Agriculture in the Classroom	<a href="http://www.agclassroom.org/nv/">www.agclassroom.org/nv/</a>	X			
New Hampshire Agriculture in the Classroom	<a href="http://www.nhagintheclass.org">www.nhagintheclass.org</a>		X		
New Jersey Agricultural Society	<a href="http://www.njagsociety.org/aitc/aitc.htm">www.njagsociety.org/aitc/aitc.htm</a>		X		
New Mexico Agriculture in the Classroom	<a href="http://www.nmaitc.org">www.nmaitc.org</a>	X			
New York Agriculture in the Classroom	<a href="http://www.nyaged.org/aitc">www.nyaged.org/aitc</a>		X		
North Carolina Agriculture in the Classroom	<a href="http://www.ncagintheclassroom.com">www.ncagintheclassroom.com</a>		X		
North Dakota Agriculture in the Classroom	<a href="http://www.ndagintheclassroom.org">www.ndagintheclassroom.org</a>	X			
Ohio Agriculture in the Classroom	<a href="http://www.ofbf.org">www.ofbf.org</a>	X	X		X
Oklahoma Agriculture in the Classroom	<a href="http://www.clover.okstate.edu/fourh/aitc">www.clover.okstate.edu/fourh/aitc</a>		X		
Oregon Agriculture in the Classroom	<a href="http://aitc.oregonstate.edu">aitc.oregonstate.edu</a>	X			
Pennsylvania Agriculture in the Classroom	<a href="http://www.pafbfriends.org">www.pafbfriends.org</a>	X	X		
South Carolina Agriculture in the Classroom	<a href="http://www.agclassroom.org/sc">www.agclassroom.org/sc</a>	X	X		

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
South Dakota Agriculture in the Classroom	www.sdagclassroom.org	X	X		
Tennessee Foundation for Agriculture in the Classroom	www.tnfarmbureau.org		X		
Texas Farm Bureau Agriculture in the Classroom	www.beagsmart.org	X	X		
USDA Agriculture in the Classroom	www.agclassroom.org		X	X	
Utah Agriculture in the Classroom	www.agclassroom.org/ut		X		
Virginia Agriculture in the Classroom	www.agintheclasse.org	X	X		
Washington Agriculture in the Classroom	www.waic.net	X	X		
West Virginia Agriculture in the Classroom	www.agclassroom.org/wv	X			
Wisconsin Agriculture in the Classroom	www.wisagclassroom.org	X			
Wyoming Agriculture in the Classroom	www.wyomingagclassroom.org		X		
<b>Aquaculture</b>					
California Aquaculture Association	www.caaquaculture.org	X			X
Catfish Institute, The	www.catfishinstitute.com	X			X
Salmon Festival	www.salmonfestival.net	X	X		
U.S. Trout Farmers Association	www.ustfa.org	X			X
<b>Bees and Honey</b>					
Brushy Mountain Bee Farm	www.brushymountainbeefarm.com	X			
Dadant & Sons	www.dadant.com	X			
Haagen-Dazs	www.helpthehoneybees.com	X			
National Honey Board	www.honey.com	X	X	X	X
NOVA Tales from the Hive	www.pbs.org/wgbh/nova/bees	X			X
<b>Biotechnology</b>					
Bio-Rad Laboratories	www.bio-rad.com	X	X		
Biotech Knowledge Center	www.biotechknowledge.com	X	X		X
Biotechnology Industry Organization	www.bio.org	X			X
Biotechnology Institute	www.biotechinstitute.org	X	X	X	X
California Biomedical Research Association	www.ca-biomed.org	X			X
Council for Biotechnology Information	www.whypiotech.com	X	X		X
National Agricultural Biotechnology Council	nabc.cals.cornell.edu	X			X
North Valley and Mountain Biotechnology Center	arc.losrios.edu/~biotech	X		X	
UC Biotechnology Program	www.biotech.ucdavis.edu	X			X
<b>Careers</b>					
American Society of Agricultural and Biological Engineers	www.asabe.org	X			X
American Society of Agronomy	www.agronomy.org	X			X
American Society of Animal Science	www.asas.org	X		X	X
Crop Science Society of America	www.crops.org	X			
Florida Department of Agriculture and Consumer Services	www.florida-agriculture.com	X	X		
Sloan Career Cornerstone Center	www.careercornerstone.org	X		X	
USDA Higher Education Programs	www.agriculture.purdue.edu/USDA/careers	X	X	X	
<b>Economics</b>					
Foundation for Teaching Economics	www.fte.org		X	X	
Hands on Banking	www.handsonbanking.com	X	X	X	
Illinois Farm Bureau	www.farmingforyou.org	X			X
National Council on Economic Education	www.ncee.net		X		
USDA Economics Research Service	ers.usda.gov	X			X
Education, Activities and Reference					
AG DAY LA	www.agdayla.com				X
Agriculture and Natural Resources, University of California	ucanr.org	X			

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
California Department of Ed Curriculum and Instructional Leadership Branch	www.cde.ca.gov/ci	X	X		X
California Food, Land and People	www.caflp.org	X	X		
California Regional Environmental Education Community	www.creec.org	X	X		X
Center for Land-Based Learning	www.landbasedlearning.org	X			
Education World	www.education-world.com	X	X		
Educator's Reference Desk	www.eduref.org		X		
Farm to School	www.farmtoschool.org	X			
Farming Game, The	www.farmgame.com		X		
Farmland Information Center	www.farmlandinfo.org	X			X
Farmology	www.farmology.com	X			
FarmPhoto	www.farmphoto.com	X			X
Food, Land and People	www.foodlandpeople.org		X		
Great Plant Escape, The	www.urbanext.uiuc.edu/gpe		X	X	
Kids Farm	www.kidsfarm.com		X	X	
Learn About Ag	www.LearnAboutAg.org	X	X	X	
National Agricultural Library	www.nal.usda.gov	X			X
National Council for Agricultural Education	www.teamaged.org	X	X		
Occidental Arts and Ecology Center	www.oaec.org	X			
Population Education	www.populationeducation.org	X	X		
Producepedia	www.producepedia.com	X			X
Resource Area for Teaching	www.raft.net	X	X		X
Schools Online, University of Illinois Extension	www.urbanext.uiuc.edu/SchoolsOnline	X	X	X	
Small Farm Center	www.sfc.ucdavis.edu	X			X
<b>Eggs and Dairy</b>					
American Egg Board	www.aeb.org	X	X	X	X
Cabot Vermont	www.cabotcheese.com	X	X	X	
California Milk Advisory Board	www.RealCaliforniaMilk.com	X		X	
Dairy America	www.dairyamerica.com				X
Dairy Council of California	www.HealthyEating.org	X	X		
Egg Nutrition Center	www.eggnutritioncenter.org	X	X		X
Hilmar Cheese Company	www.hilmarcheese.com	X		X	X
Incredible Edible Egg, The	www.incredibleegg.org	X		X	
Moo Milk	www.moomilk.com	X	X	X	
National Dairy Council	www.nationaldairycouncil.org	X	X	X	X
Pennsylvania Dairy Promotion Program	www.discoverdairy.com		X	X	
Purina Mills, Dairy	dairy.purinamills.com	X			X
Real California Cheese	www.realcaliforniacheese.com	X		X	X
<b>Energy</b>					
Energy Quest	www.energyquest.ca.gov	X	X	X	
National Biodiesel Board	www.biodiesel.org	X			X
National Energy Education Development Program	www.need.org	X	X		X
<b>Environment and Natural Resources</b>					
AIR Now	www.airnow.gov	X	X		X
Bird Education Network	www.birdeducation.org	X			
California Coastal Commission	www.coastforyou.org	X	X	X	
Classroom Earth	www.classroomearth.org		X		
Council for Environmental Education	www.councilforee.org	X	X		
Disney's Planet Challenge	disney.go.com/planetchallenge	X	X		

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
Flying WILD Bird Conservation	<a href="http://www.flyingwild.org">www.flyingwild.org</a>	X	X		
Journey North	<a href="http://www.learner.org/jnorth">www.learner.org/jnorth</a>	X	X	X	
Mineral Information Institute	<a href="http://www.mii.org">www.mii.org</a>	X	X		X
National Mining Association	<a href="http://www.nma.org">www.nma.org</a>				X
► Office of Education and the Environment	<a href="http://www.calepa.ca.gov/education/EEI">www.calepa.ca.gov/education/EEI</a>		X		
Planet Pals	<a href="http://www.planetpals.com">www.planetpals.com</a>		X	X	
San Joaquin Valley Air Pollution Control District	<a href="http://www.valleyair.org">www.valleyair.org</a>	X	X		X
U.S. Environmental Protection Agency	<a href="http://www.epa.gov">www.epa.gov</a>	X	X	X	X
<b>Fairs and Farms</b>					
California State Fair	<a href="http://www.bigfun.org">www.bigfun.org</a>	X	X	X	
Centennial Farm	<a href="http://www.ocfair.com/farm">www.ocfair.com/farm</a>	X	X		
Colusa Farm Show	<a href="http://www.thefarmshow.com">www.thefarmshow.com</a>	X			
Farmshow.org	<a href="http://www.farmshow.org">www.farmshow.org</a>	X			
Harvest Time in Brentwood	<a href="http://www.harvest4you.com">www.harvest4you.com</a>	X			
Lake County Farmers' Finest	<a href="http://www.lakecountyfarmersfinest.org">www.lakecountyfarmersfinest.org</a>	X			
Mendocino County Promotional Alliance	<a href="http://www.gomendo.com">www.gomendo.com</a>	X			
Orange County Fair and Exposition Center	<a href="http://www.ocfair.com">www.ocfair.com</a>	X	X		
Underwood Family Farms	<a href="http://www.underwoodfamilyfarms.com">www.underwoodfamilyfarms.com</a>	X			
Western Fairs Association	<a href="http://www.westernfairs.org">www.westernfairs.org</a>	X			
<b>Farm Bureau</b>					
Amador County Farm Bureau	<a href="http://www.amadorfarmbureau.com">www.amadorfarmbureau.com</a>	X			
American Farm Bureau Federation	<a href="http://www.fb.org">www.fb.org</a>	X			
Butte County Farm Bureau	<a href="http://www.buttefarmbureau.com">www.buttefarmbureau.com</a>	X			
California Farm Bureau Federation	<a href="http://www.cfbf.com">www.cfbf.com</a>	X			X
Colusa County Farm Bureau	<a href="http://colusa.cfbf.com">colusa.cfbf.com</a>	X			
Contra Costa County Farm Bureau	<a href="http://www.cccfb.org">www.cccfb.org</a>	X			
El Dorado County Farm Bureau	<a href="http://www.edcfb.com">www.edcfb.com</a>	X			
Farm Bureau of Ventura County	<a href="http://www.farmbureauvc.com">www.farmbureauvc.com</a>	X			
Fresno County Farm Bureau	<a href="http://www.fcfb.org">www.fcfb.org</a>	X			
Humboldt County Farm Bureau	<a href="http://www.humboldtfarmbureau.org">www.humboldtfarmbureau.org</a>	X			
Imperial County Farm Bureau	<a href="http://www.icfb.net">www.icfb.net</a>	X			
Kern County Farm Bureau	<a href="http://www.kerncfb.com">www.kerncfb.com</a>	X			
Kings County Farm Bureau	<a href="http://www.kcfb.org">www.kcfb.org</a>	X			
Lake County Farm Bureau	<a href="http://www.lakecofb.com">www.lakecofb.com</a>	X			
Los Angeles County Farm Bureau	<a href="http://www.lacfb.org">www.lacfb.org</a>	X			
Madera County Farm Bureau	<a href="http://www.maderafb.com">www.maderafb.com</a>	X			
Mendocino County Farm Bureau	<a href="http://www.mendofb.org">www.mendofb.org</a>	X			
Merced County Farm Bureau	<a href="http://www.mercedfarmbureau.org">www.mercedfarmbureau.org</a>	X			
Modoc County Farm Bureau	<a href="http://modoc.cfbf.com">modoc.cfbf.com</a>	X			
Monterey County Farm Bureau	<a href="http://www.montereycfb.com">www.montereycfb.com</a>	X			
Napa County Farm Bureau	<a href="http://www.napafarmbureau.org">www.napafarmbureau.org</a>	X			
Nevada County Farm Bureau	<a href="http://www.nevadacofb.org">www.nevadacofb.org</a>	X			
Orange County Farm Bureau	<a href="http://orange.cfbf.com">orange.cfbf.com</a>	X			
Placer County Farm Bureau	<a href="http://www.placercfb.com">www.placercfb.com</a>	X			
Riverside County Farm Bureau	<a href="http://www.riversidecfb.com">www.riversidecfb.com</a>	X			
Sacramento County Farm Bureau	<a href="http://www.sacfarmbureau.org">www.sacfarmbureau.org</a>	X			
San Bernardino County Farm Bureau	<a href="http://sanbernardino.cfbf.com">sanbernardino.cfbf.com</a>	X			
San Diego County Farm Bureau	<a href="http://www.sdfarmbureau.org">www.sdfarmbureau.org</a>	X			
San Joaquin Farm Bureau Federation	<a href="http://www.sjfb.org">www.sjfb.org</a>	X			

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
San Luis Obispo County Farm Bureau	www.slofarmbureau.org	X			
San Mateo County Farm Bureau	sanmateo.cfbf.com	X			
Santa Barbara County Farm Bureau	www.sbcbf.com	X			
Santa Clara County Farm Bureau	www.sccfarmbureau.org	X			
Santa Cruz County Farm Bureau	www.sccfb.com	X			
Siskiyou County Farm Bureau	www.siskiyoucountyfarmbureau.com	X			
Sonoma County Farm Bureau	www.sonomacountyfarmbureau.com	X			
Stanislaus County Farm Bureau	www.stanfarmbureau.com	X			
Tulare County Farm Bureau	www.tulcofb.org	X			
Tuolumne County Farm Bureau	www.tcfarmbureau.net	X			
Yolo County Farm Bureau	www.yolofarmbureau.org	X			
Yuba-Sutter County Farm Bureau	yubasutter.cfbf.com	X			
<b>Fertilizer</b>					
California Fertilizer Foundation	www.calfertilizer.org	X	X		X
Fertilizer Institute, The	www.fertilizer101.org	X			
Nutrients for Life	www.nutrientsforlife.org	X	X	X	
Nutrients for Life Foundation	www.nutrientsforlife.org	X	X		X
<b>Fiber</b>					
Calcot Ltd.	www.calcot.com	X			X
Cotton's Journey	www.cottonsjourney.com	X	X	X	
Fur Commission USA	www.furcommission.com	X	X		
Handweavers Guild of America, Inc.	www.weavespindye.org	X			
National Cotton Council of America	www.cotton.org	X	X		X
National Cottonseed Products Association, Inc.	www.cottonseed.com	X			X
<b>Field Trips</b>					
AgVentures! Museum & Learning Center	www.agventures.internationalagricenter.com	X	X		
Amy's Farm Tours	www.amysfarm.com	X			
California Agritourism Database	www.calagtour.org		X		
California Citrus Park	www.parks.ca.gov	X			
El Dorado County Farm Trails	www.edc-farmtrails.org	X			
Elizabeth Gamble Garden	www.gamblegarden.org	X	X		
Exploratorium	www.exploratorium.edu	X	X	X	
Flowerfields, The	www.theflowerfields.com	X	X		
Gardens at Heather Farm	www.gardenshf.org	X	X		
Gilroy Gardens	www.gilroygardens.org	X	X	X	
Great American Petting Zoo	www.greatamericanpettingzoo.com	X	X		
Heidrick Ag History Center	www.aghstory.org	X			
Hidden Villa Farms	www.hiddenvilla.org	X			X
Huntington Botanical Gardens	www.huntington.org	X			X
Hurst Ranch	www.hurstranch.com	X			
Kid's Farm, Smithsonian National Zoological Park	nationalzoo.si.edu/animals/kidsfarm	X	X	X	
► Loma Vista Farm	www.lomavistafarm.org		X	X	
Luther Burbank Home and Gardens	www.lutherburbank.org	X	X		
Micke Grove County Park	www.mgzoo.com	X			
► Meyers Water Bank and Wildlife Project	www.meyersproject.org	X	X		
► Orange County Great Park	www.ocgp.org		X		
Pumpkin Farm, The	www.pumpkinfarm.net	X			
Pumpkin Farm, The	www.bishoppumpkinfarm.com	X			
Rancho Santa Ana Botanic Garden	www.rsabg.org	X			

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
Sonoma County Farm Trails	www.farmtrails.org	X			
Squaw Valley Herb Gardens	www.squawvalleyherbgardens.com	X	X		X
Tanaka Farms	www.tanakafarms.com	X			
Turtle Bay Exploration Park	www.turtlebay.org	X	X		
UC Student Farm/Children's Garden	asi.ucdavis.edu	X			
University of California Desert Research and Extension Center	desertrec.ucdavis.edu	X			
<b>Food</b>					
American Frozen Foods Institute	www.affi.com	X			X
Food Museum	www.foodmuseum.com	X	X	X	
Food Routes	www.foodroutes.org	X			
Fruit and Veggie Color Champions	www.foodchamps.org			X	
Home Baking Association	www.homebaking.org/familyfun	X	X		
Institute of Food Technologists	www.ift.org	X	X		X
International Food Information Council	www.foodinsight.org	X	X		X
Magic Dough Show Breadmake Box	www.breadmake.com	X	X		
Mennonite Central Committee	www.worldcommunitycookbook.org				X
Mo' Better Food	www.mobetterfood.com	X			X
Tiny Tummys	www.tinytummys.com	X	X		
What's Cooking America	www.whatscookingamerica.net	X			X
<b>Food Safety and Farm Safety</b>					
Center for Food Integrity, The	www.bestfoodfacts.org	X			X
Farm Safety 4 Just Kids	www.fs4jk.org		X	X	
Fight BAC!	www.fightbac.org	X	X	X	
Food Safety and Inspection Service	www.fsis.usda.gov/OA/foodsafety/mobile/mobilegame.swf	X		X	
Gateway to Government Food Safety Information	www.foodsafety.gov	X	X	X	X
NSF International	www.scrubclub.org	X	X	X	
<b>Forestry and Forest Products</b>					
American Forest and Paper Association	www.afandpa.org	X	X	X	X
American Forest Foundation	www.affoundation.org	X	X		X
American Forests	www.americanforests.org	X	X	X	X
Associated California Loggers	www.calog.com	X			X
California Redwood Association	www.calredwood.org	X			X
Forest Foundation, The	www.calforestfoundation.org	X	X	X	X
Forestry Institute for Teachers	www.forestryinstitute.org		X		
Forests Online	www.foresthealth.org	X			
Idaho Forest Products Commission	www.idahoforests.org	X	X	X	X
International Paper	www.internationalpaper.com	X	X		X
Paper Industry	www.paperhall.org	X	X		X
Smithsonian National Zoological Park	nationalzoo.si.edu/Education/ConservationCentral/walk	X	X	X	
Society of Wood Science and Technology	www.swst.org	X			X
Stewards of the Coast and Redwoods	www.stewardsofthecoastandredwoods.org	X	X		
Woodlinks	www.woodlinks.com	X	X		
<b>Gardening and Horticulture</b>					
American Botanical Society	www.herbalgram.org	X	X		X
American Horticultural Society	www.ahs.org	X			X
California Association of Nurseries and Garden Centers	www.cangc.org	X	X		X
California Garden Clubs	www.cagardenclub.org		X	X	
California School Garden Network	www.csgn.org	X	X		X

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
Common Ground Garden Program	celosangeles.ucdavis.edu/ Common_Ground_Garden_Program	X	X		
Easy Garden	www.easy-garden.com	X			
Garden ABC's	www.gardenabcs.com	X	X		
Garden of Learning	www.gardenoflearningk6.com	X	X		
Garden Web	www.gardenweb.com	X			X
Junior Master Gardener Program	www.jmgkids.us	X	X		
Kitchen Gardeners International	www.kitchengardeners.org	X			X
National Garden Clubs	www.gardenclub.org		X	X	
National Gardening Association	www.kidsgardening.org	X	X		
School Garden Wizard	www.schoolgardenwizard.org	X			
Smart Gardening	www.smartgardening.com	X			
University of Illinois Extension	urbanext.illinois.edu/container	X		X	
<b>General Agriculture</b>					
▶ Agrium	www.growingthenextgeneration.com		X	X	
▶ American Farm Bureau	www.myamericanfarm.org	X	X	X	
▶ American Farm Bureau Foundation for Agriculture	www.agricultureslastingheritage.org	X	X		
Alltech	www.alltech.com/kidzone		X		X
American Farm Bureau Foundation for Agriculture	www.myamericanfarm.org	X		X	
Buy California Marketing Agreement	www.californiagrown.org	X	X		
California Cowboy Gathering	www.cowboygathering.com	X	X		
Camp Silos	www.campsilos.org	X	X	X	
Harvest of History	www.harvestofhistory.org	X	X	X	
Informed Farmers	www.informedfarmers.com	X			X
John Deere	www.greenfunstore.com	X		X	
NASA Kids	www.nasakids.com		X	X	X
National Weather Service	www.nws.noaa.gov	X	X		X
USDA Farmers Market Directory	apps.ams.usda.gov/farmersmarkets	X			X
<b>Grains, Nuts, and Legumes</b>					
American Peanut Council	www.peanutsusa.com	X	X		X
America's Alfalfa	www.americasalfalfa.com				X
Blue Diamond Growers	www.bluediamond.com	X			X
California Dry Bean Advisory Board	www.calbeans.org	X			X
California Rice Commission	www.calrice.org	X			X
California Wild Rice Advisory Board	www.cawildrice.com	X			
▶ Corn Farmers Coalition	www.cornfarmerscoalition.org	X			
Diamond Foods	www.diamondnuts.com	X			
National Pasta Association	www.ilovepasta.org	X			X
National Peanut Board	www.nationalpeanutboard.org	X	X	X	
National Sunflower Association	www.sunflowernsa.com	X	X	X	X
Peanut Butter	www.peanutbutterlovers.com	X			X
Soyfoods Association of North America	www.soyfoods.org	X			X
U.S. Grains Council	www.grains.org	X			X
USA Rice Federation	www.usarice.com	X			X
Virginia-Carolina Peanuts	www.aboutpeanuts.com	X	X	X	X
Walnut Marketing Board	www.walnuts.org	X			X
<b>Insects</b>					
Entomological Society of America	www.entsoc.org	X			X
Insect Lore	www.insectlore.com	X	X		

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
Monarch Watch	<a href="http://www.monarchwatch.org">www.monarchwatch.org</a>	X	X		X
<b>Livestock</b>					
► American Society of Animal Science	<a href="http://www.animalsmart.org">www.animalsmart.org</a>	X		X	
Agripedia	<a href="http://www.ca.uky.edu/agripedia">www.ca.uky.edu/agripedia</a>			X	
American Horse Council	<a href="http://www.horsecouncil.org">www.horsecouncil.org</a>	X			X
American Quarter Horse Association	<a href="http://www.aqha.com">www.aqha.com</a>	X	X	X	
American Sheep Industry Association	<a href="http://www.sheepusa.org">www.sheepusa.org</a>	X			X
California Thoroughbred Breeders Association	<a href="http://www.ctba.com">www.ctba.com</a>	X			X
Pacific Coast Quarter Horse Association	<a href="http://www.pcqha.com">www.pcqha.com</a>	X			X
Tennessee Walking Horse Breeders' and Exhibition Association	<a href="http://www.twhbea.com">www.twhbea.com</a>	X			X
<b>Meat and Poultry</b>					
American Beefalo International	<a href="http://www.ababeefalo.org">www.ababeefalo.org</a>	X			
Beef Checkoff for Educators, The	<a href="http://www.teachfree.com">www.teachfree.com</a>		X		X
Beef for Foodservice Professionals	<a href="http://www.beeffoodservice.com">www.beeffoodservice.com</a>		X		X
Beefnutrition.org	<a href="http://www.beefnutrition.org">www.beefnutrition.org</a>	X	X		X
California Beef Council	<a href="http://www.calbeef.org">www.calbeef.org</a>	X	X		X
California Poultry Federation	<a href="http://www.cpipf.org">www.cpipf.org</a>	X			X
Certified Angus Beef	<a href="http://www.certifiedangusbeef.com">www.certifiedangusbeef.com</a>	X			X
Iowa Turkey Federation	<a href="http://www.iowaturkey.com">www.iowaturkey.com</a>	X	X	X	
National Cattlemen's Beef Association	<a href="http://www.beef.org">www.beef.org</a>	X	X		X
National Pork Board	<a href="http://www.otherwhitemeat.com">www.otherwhitemeat.com</a>	X		X	X
National Turkey Federation	<a href="http://www.eatturkey.com">www.eatturkey.com</a>	X			X
Pork Checkoff	<a href="http://www.pork.org">www.pork.org</a>	X	X	X	
Zip4tweens	<a href="http://www.zip4tweens.com">www.zip4tweens.com</a>	X	X	X	
<b>Music</b>					
Banana Slug String Band	<a href="http://www.bananaslugstringband.com">www.bananaslugstringband.com</a>		X		
Food Safety Music	<a href="http://foodsafe.ucdavis.edu">foodsafe.ucdavis.edu</a>	X	X		X
Sam Jones Music	<a href="http://www.samjonesmusic.com">www.samjonesmusic.com</a>	X			
Sons of the San Joaquin	<a href="http://www.thesons.com">www.thesons.com</a>	X		X	
<b>Newspapers and Magazines</b>					
Ag Alert	<a href="http://www.agalert.com">www.agalert.com</a>	X			
Agricultural History Society	<a href="http://www.aghistorysociety.org/journal">www.aghistorysociety.org/journal</a>	X			
California Agriculture	<a href="http://californiaagriculture.ucanr.org">californiaagriculture.ucanr.org</a>	X			X
California Bountiful	<a href="http://www.californiabountiful.com">www.californiabountiful.com</a>	X	X		
Evergreen Foundation	<a href="http://www.evergreenmagazine.com">www.evergreenmagazine.com</a>	X			X
Garden Gate Magazine	<a href="http://www.gardengatemagazine.com">www.gardengatemagazine.com</a>	X			X
National Geographic Society	<a href="http://nationalgeographic.com">nationalgeographic.com</a>	X	X	X	X
Natural Inquirer	<a href="http://www.naturalinquirer.org">www.naturalinquirer.org</a>	X	X	X	X
Old Farmer's Almanac for Kids, The	<a href="http://www.almanac4kids.com">www.almanac4kids.com</a>	X	X	X	
Old Farmer's Almanac, The	<a href="http://www.almanac.com">www.almanac.com</a>	X		X	X
<b>Nursery, Floriculture, and Botanical Gardens</b>					
California Cut Flower Commission	<a href="http://www.cfcf.org">www.cfcf.org</a>	X	X		X
Great Sunflower Project, The	<a href="http://www.greatsunflower.org">www.greatsunflower.org</a>	X	X		
Jack Sprout Inc.	<a href="http://www.jacksprout.com">www.jacksprout.com</a>		X	X	
JES Dahlia Society	<a href="http://www.jesdahlias.org">www.jesdahlias.org</a>	X			X
Missouri Botanical Garden	<a href="http://www.mobot.org">www.mobot.org</a>	X	X	X	X
Society of American Florists	<a href="http://www.safnow.org">www.safnow.org</a>	X	X		X
UC Botanical Garden	<a href="http://botanicalgarden.berkeley.edu">botanicalgarden.berkeley.edu</a>	X			
UC Davis Arboretum	<a href="http://arboretum.ucdavis.edu">arboretum.ucdavis.edu</a>	X	X		



Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
<b>Nutrition</b>					
Avocado Central	www.avocadocentral.com	X		X	
California Project LEAN	www.californiaprojectlean.org	X	X		X
California School Nutrition Association	www.stayfitatright.org	X	X	X	
Champions for Change	www.cachampionsforchange.net	X			
Dole Nutrition Institute	www.dolenutrition.com	X			X
Dole Superfoods	www.dolesuperfoods.com	X			
Food and Nutrition Information Center	fnic.nal.usda.gov	X			
Healthy Kids Resource Center	www.californiahealthykids.org		X		X
International Plant Nutrition Institute	www.ipni.net	X		X	X
Learning ZoneXpress	www.learningzonexpress.com	X			
Nutrition for Kids	www.nutritionforkids.com	X	X	X	
Produce for Better Health Foundation	www.fruitsandveggiesmorematters.org	X	X	X	X
USDA: MyPyramid	www.mypyramid.gov	X	X	X	X
<b>Organic</b>					
California Certified Organic Farmers	www.ccof.org	X			X
Local Harvest	www.localharvest.org	X			X
Long Beach Organic	www.longbeachorganic.org	X	X		X
<b>Organizations and Agencies</b>					
Agricultural Research Service	www.ars.usda.gov	X	X	X	
Agriculture Council of America	www.agday.org	X	X		
American Agri-Women	www.americanagriwomen.org	X			
American Farmland Trust	www.farmland.org	X			X
California 4-H Youth Development Program	www.ca4h.org	X	X		
California Agriculture Education	www.calaged.org	X	X	X	
California Department of Fish and Game	www.dfg.ca.gov	X			X
California Federation of Certified Farmer's Markets	www.cafarmersmarkets.com	X			X
California Restaurant Association Educational Foundation	www.calrest.org	X			X
California Women for Agriculture	www.cawomen4ag.com	X			
Centers for Disease Control	www.cdc.gov	X			X
CropLife America	www.croplifeamerica.org	X			X
Farm Service Agency	www.fsa.usda.gov	X			X
Farm Service Agency Kids	www.fsa.usda.gov/fsakids	X		X	X
Fresh Produce and Floral Council	www.fpfc.org	X			X
Marin Agricultural Land Trust	www.malt.org	X			X
National 4-H Council	www.fourhcouncil.edu	X	X		
National 4-H Mall	www.4-hmall.org		X		
National Agricultural Aviation Association	www.agaviation.org	X			X
National Arbor Day Foundation	www.arborday.org	X	X	X	X
National Association of Biology Teachers	www.nabt.org		X		
National Farm-City Council, The	www.farmcity.org	X	X		
National FFA Organization	www.ffa.org	X	X	X	
Retailer's Bakery Association	www.rbanet.com	X			X
San Luis Obispo CattleWomen	www.cattletwomen-slo.org		X		X
U.S. Department of Agriculture	www.usda.gov	X	X		X
U.S. Food and Drug Administration for Veterinary Medicine	www.fda.gov/cvm	X			X
Western Growers Association	www.westerngrowersfoundation.org	X	X	X	X
Western Plant Health Association	www.healthyplants.org	X			X
Yolo Basin Foundation	www.yolobasin.org	X	X		

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
<b>Organizations and Agencies - Federal</b>					
National Institute of Food and Agriculture	www.nifa.usda.gov	X			
U.S. House Agriculture Committee	www.house.gov/agriculture	X			X
White House	www.whitehouse.gov	X		X	X
<b>Organizations and Agencies - State</b>					
California Department of Food and Agriculture	www.cdffa.ca.gov	X		X	X
California Department of Food and Agriculture, Kids' Page	www.cdffa.ca.gov/Kids_Page.html	X	X	X	
California Department of Food and Agriculture,					
Red Imported Fire Ants	www.fireant.ca.gov	X	X		X
California Department of Pesticide Regulation	www.cdpr.ca.gov	X			X
California Department of Water Resources	www.dwr.water.ca.gov	X	X		X
<b>Other Commodities and By-Products</b>					
American Sugar Alliance	www.sugaralliance.org	X			X
Fur Commission USA Educational Resources	www.furcommission.com/educat	X	X		X
Olive Oil Source, The	www.oliveoilsource.com	X			X
Sugar Association	www.sugar.org	X		X	X
University of Illinois Extension	urbanext.illinois.edu/corn		X	X	
<b>Pest Management</b>					
▶ Canine Parcel Inspection Team - County of Santa Clara	www.sccgov.org/sites/ag/canineparcelinspectionteam	X			
National Pest Management Association	www.pestworldforkids.org	X	X	X	
Orkin	www.orkin.com	X	X	X	
UC Statewide Integrated Pest Management Program	www.ipm.ucdavis.edu	X			X
<b>Plants</b>					
American Phytopathological Society	www.apsnet.org	X	X		X
Botanical Society of America	www.botany.org	X			X
California Invasive Plant Council	www.cal-ipc.org	X			X
California Native Plant Society	www.cnps.org	X	X	X	X
Perennial Plant Association	www.perennialplant.org	X			X
Plants Database	plants.usda.gov	X	X	X	X
Wisconsin Fast Plants	fastplants.org	X	X	X	
<b>Produce - Berries</b>					
California Strawberry Commission	www.californiastrawberries.com	X	X	X	X
Cape Cod Cranberry Growers' Association	www.cranberries.org	X			X
▶ Red Blossom Farms	www.redblossom.com	X			
U.S. Highbush Blueberry Council	www.blueberry.org	X	X		X
Washington Red Raspberry Commission	www.red-raspberry.org	X			X
Wild Blueberries	www.wildblueberries.com	X			X
<b>Produce - Fruit</b>					
ANR Avocado Information	www.ucavo.ucr.edu	X			
Apple Hill Growers Association	www.applehill.com	X			
Apricot Producers of California	www.apricotproducers.com	X		X	X
Calavo Growers	www.calavo.com	X			X
California Apple Commission	www.calapple.org	X		X	X
California Avocado Commission	www.californiaavocado.com	X	X	X	X
California Canning Peach Association	www.calpeach.com	X			X
California Cherry Advisory Board	www.calcherry.com	X			X
California Cling Peach Board	www.calclingpeach.com	X	X	X	X
California Date Administrative Committee	www.datesaregreat.com	X			X
California Dried Plum Board	www.californiadriedplums.org	X	X	X	X

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
California Fig Advisory Board	www.californiafigs.com	X			X
California Kiwifruit Commission	www.kiwifruit.org	X			X
California Pear Advisory Board	www.calpear.com	X			X
California Raisins	www.raisins.org	X			X
California Rare Fruit Growers	www.crfg.org	X			X
California Table Grape Commission	www.freshcaliforniagrapes.com	X	X	X	X
Citrus Research Board	www.citrusresearch.com	X			X
Concord Grape Association	www.concordgrape.org	X			X
Fruit and Veggie Guru	www.fruitandveggieguru.com	X			
Fruit Pages, The	www.thefruitpages.com	X		X	X
Oak Glen Apple Growers Association	www.oakglen.net	X			
Pacific Coast Producers	www.pcoastp.com	X			X
Pear Bureau Northwest	www.usapears.org	X	X	X	X
Sunkist	www.sunkist.com	X	X	X	X
Sun-Maid Growers of California	www.sunmaid.com	X			X
U.S. Apple Association	www.usapple.org	X	X		X
Produce - Mushroom					
American Mushroom Institute	www.americanmushroom.org	X			X
Gourmet Mushrooms, Inc.	www.mycopia.com	X	X		X
<b>Produce - Other</b>					
Almond Board of California	www.almondboard.com	X			X
American Pistachio Growers	www.americanpistachios.org	X			
Fresh King Inc.	www.freshking.com	X			X
Harvest of the Month	www.harvestofthemonth.com	X	X		
Leafy Greens Council	www.leafy-greens.org	X	X		X
Maryland Soybean Board	www.mdsoy.org	X		X	X
National Watermelon Promotion Board	www.watermelon.org	X	X	X	X
Ocean Mist Farms	www.oceanmist.com	X			X
Pfyffer Associates	www.brussels-sprouts.com	X			X
Potandon Produce	www.potandon.com	X			X
Western Pistachio Association	www.westernpistachio.org	X			
<b>Produce - Potato</b>					
National Potato Promotion Board	www.potatogoodness.com	X	X		X
North Carolina Sweet Potato Commission	www.ncsweetpotatoes.com	X	X	X	
Sweet Potato Council of California	www.cayam.com	X			X
<b>Produce - Vegetable</b>					
American Mint	www.mintstills.com	X			X
California Artichoke Advisory Board	www.artichokes.org	X		X	X
California Asparagus Commission	www.calasparagus.com	X	X	X	X
California Tomato Commission	www.tomato.org	X	X	X	X
California Tomato Growers Association	www.ctga.org	X			X
Grimmway Farms	www.grimmway.com	X		X	
Illinois Corn	www.ilcorn.org	X	X		
National Corn Growers Association	www.ncga.com	X	X	X	X
National Onion Association	www.onions-usa.org	X			X
Popcorn Board, The	www.popcorn.org	X	X	X	X
The Great Corn Adventures	www.urbanext.uiuc.edu/corn	X	X	X	
<b>Publishers, Books, and Authors</b>					
Acorn Naturalists	www.acornnaturalists.com	X	X		

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
AIMS Education Foundation	www.AIMSedu.org	X	X	X	
Albert Whitman & Company	www.albertwhitman.com	X			
Bad Wolf Press	www.badwolfpress.com		X		
Better Homes and Gardens	www.bhg.com	X			X
Beyda for Books	www.beydaforbooks.com	X			
Brain Child Books	www.brainchildpress.com		X		
Capstone Press	www.capstonepress.com	X			
CDE Press	www.cde.ca.gov/re/pn		X		
Children's Book Council, The	www.cbcbooks.org	X	X		
Evan-Moor Corporation	www.evan-moor.com		X		
Fulcrum Publishing	www.fulcrumbooks.com	X			
Growing Seasons	www.growingseasons.com		X	X	
Heinemann Classroom	www.heinemannraintree.com	X			
Holiday House, Inc.	www.holidayhouse.com	X			
Karen Adler Books	www.karenadlerbooks.com	X			
Libraries Unlimited	www.lu.com				X
Magic School Bus	www.scholastic.com/magicschoolbus		X	X	
Masumoto, David Mas	www.masumoto.com	X			
National Steinbeck Center	www.steinbeck.org	X	X	X	
NEAT Solutions, Inc.	www.neatsolutions.com		X		
NoteNiks	www.noteniks.com	X			
PCI Educational Publishing	www.pcieducation.com	X	X		
SmartPicks, Inc.	www.smartpicks.com	X	X		
Tilbury House Publishers	www.tilburyhouse.com	X			
UC Agriculture and Natural Resources (DANR)	www.anrcatalog.ucdavis.edu		X		X
<b>Science</b>					
American Chemical Society	www.acs.org	X	X		
California Science Teachers Association	www.cascience.org	X	X		
Center for Engineering Plants for Resistance Against Pathogens	ceprap.ucdavis.edu	X	X		X
Council for Agricultural Science and Technology	www.cast-science.org		X		X
Life Lab Science Program	www.lifelab.org	X	X		
Microbe World	www.microbeworld.org				X
National Science Teachers Association	www.nsta.org		X		
Partnership for Plant Genomic Education	ppge.ucdavis.edu	X	X	X	
Purdue University	www.ag.purdue.edu/Agry	X	X		
Sci4Kids	www.ars.usda.gov/is/kids		X	X	
Science Education for Public Understanding Program	www.sepup.com		X		X
Science NetLinks	www.sciencenetlinks.com		X		
<b>Seeds</b>					
First the Seed Foundation	www.firsttheseedfoundation.org	X	X	X	
Monsanto Company	www.monsanto.com	X			X
Seed Biotechnology Center	sbc.ucdavis.edu	X			X
<b>Soil</b>					
Natural Resources Conservation Service	www.nrcs.usda.gov/FEATURE/education/squirm/skworm.html	X		X	
Soil and Water Conservation Society	www.swcs.org	X	X		X
Soil Science Society of America	www.soils.org	X			X
► Soil Science Society of America	www.soils4teachers.org	X	X	X	X
<b>Statistics</b>					

Company/Organization	Website	General Info.	Teacher Section	Student Page	Technical Info.
California Agricultural Statistics Service	www.nass.usda.gov/ca	X			X
<b>Sustainable Agriculture</b>					
Alternative Farming Systems Information Center	afsic.nal.usda.gov	X			X
Community Alliance with Family Farmers	www.caff.org	X			X
Heifer International	www.heifer.org	X	X		X
National Sustainable Agriculture Information Service	www.attra.ncat.org	X	X		X
<b>Television</b>					
America's Heartland	www.americasheartland.org/education	X	X	X	
California Heartland	www.californiaheartland.com	X			
Home and Garden Television	www.hgtv.com	X			
Huell Howser Productions	www.calgold.com	X			
► PBS Learning Media Website	www.pbslearningmedia.org	X	X		
World of A & E, The	www.aetv.com	X	X		
<b>Trees</b>					
California Christmas Tree Association	www.cachristmas.com	X			X
El Dorado County Christmas Tree Growers	www.chooseandcut.com	X			
National Christmas Tree Association	www.realtrees4kids.org	X	X	X	
Project Learning Tree	www.plt.org	X	X		
Real Trees for Kids	realtrees4kids.org	X	X		
Sacramento Tree Foundation	www.sactree.com	X	X		
Talk About Trees	www.talkabouttrees.org	X	X	X	
Treetures	www.treetures.com		X	X	X
<b>Universities and Schools</b>					
AGRIscapes	www.csupomona.edu/~agriscapes	X	X		
Cal Poly, Pomona	www.csupomona.edu	X			X
Cal Poly, San Luis Obispo	www.calpoly.edu	X			
California Agricultural Technology Institute, Fresno State	cati.csufresno.edu	X			X
California Colleges	www.californiacolleges.edu	X		X	
California State University System	www.calstate.edu	X		X	X
Chico State University	www.csuchico.edu	X		X	
Cornell University Living Sculptures	www.hort.cornell.edu/livingsculpture	X	X		
Iowa State University Extension	www.extension.iastate.edu	X	X	X	X
Johns Hopkins University, Agriculture and Public Health	aphg.jhsph.edu	X			
Lawrence Hall of Science	www.lhs.berkeley.edu	X	X	X	
Student Farm, The	studentfarm.ucdavis.edu	X	X		
UC Berkeley College of Natural Resources	www.cnr.berkeley.edu	X			X
UC Berkeley, Lawrence Hall of Science, GEMS Program	www.lhsgems.org	X	X		X
UC Davis College of Agriculture	www.aes.ucdavis.edu	X			
UC Riverside College of Agriculture	cnas.ucr.edu	X			X
UC Sustainable Agriculture Research and Education Program	www.sarep.ucdavis.edu	X			X
<b>Waste, Composting, and Recycling</b>					
Adventures of Herman the Worm	www.urbanext.uiuc.edu/worms	X	X	X	X
Recycling and Waste Commission of Santa Clara County	www.reducewaste.org	X	X		X
Worm Digest	www.wormdigest.org	X			X
Worm Drive—The Musical	www.wormdrivemusical.com		X	X	
Worm Woman	www.wormwoman.com	X	X		X
<b>Water</b>					
Association of California Water Agencies	www.acwa.com	X			X
Bureau of Reclamation	www.usbr.gov/mp/arwec				



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# Notes

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# California Foundation for Agriculture in the Classroom

## Resource Recommendation



I have seen or created the following resource and recommend that the California Foundation for Agriculture in the Classroom (CFAITC) Resource Review Committee review it for possible inclusion in the next *Teacher Resource Guide* or other CFAITC publication.

Recommender's Name \_\_\_\_\_

Phone Number \_\_\_\_\_

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E-mail \_\_\_\_\_

Enroll me in the monthly educator e-newsletter, *Cream of the Crop*.

*Note: Please provide as much information as you can about the resource so a review copy can be obtained.*

Type of Resource (book, kit, video, etc.) \_\_\_\_\_

Name of Resource \_\_\_\_\_

Brief Description \_\_\_\_\_

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Grade Level(s) \_\_\_\_\_ Cost \_\_\_\_\_

Name of Company/Organization/Publisher \_\_\_\_\_

Contact Person \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

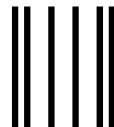
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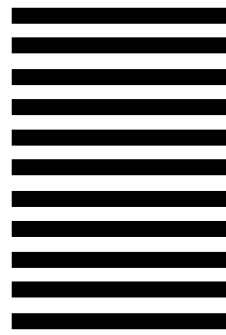
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# California Foundation for Agriculture in the Classroom

# Teacher Resource Guide Evaluation



Once you have had the opportunity to use this *Teacher Resource Guide*, please take a few moments to complete this evaluation form.

This guide is intended to help you, the educator, bring agricultural education into your classroom.

Please let us know if we met this goal. We value your opinion.

Fold Here

Please rank the following from 1 to 5. (1 = Needs Improvement, 3 = Satisfactory, 5 = Excellent)

A. Includes information I can use.	1	2	3	4	5
B. Information is easy to locate within the Teacher Resource Guide.	1	2	3	4	5
C. Resources I obtained were useful.	1	2	3	4	5
D. Information was current and correct.	1	2	3	4	5
E. Resource and information lists were comprehensive.	1	2	3	4	5
F. In next year's Teacher Resource Guide, I would like to see _____					

Additional Comments \_\_\_\_\_

\_\_\_\_\_

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Please send the next edition of the *Teacher Resource Guide* when available.

Name \_\_\_\_\_

School/Organization \_\_\_\_\_

Address \_\_\_\_\_

School     Business     Home

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

School District \_\_\_\_\_

County \_\_\_\_\_

E-mail \_\_\_\_\_

Enroll me in the monthly educator e-newsletter, *Cream of the Crop*.

**I teach:**

- K     1     2     3     4
- 5     6     7     8     9
- 10     11     12     13     14
- 15     16
- After school     Home school

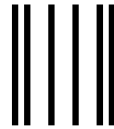
**Subjects:**

- Math     Resource Teacher     Special Ed
- Science     Social Studies     Language Arts
- Fine Arts     Foreign Language     Vocational
- Nutrition     Multiple Subject

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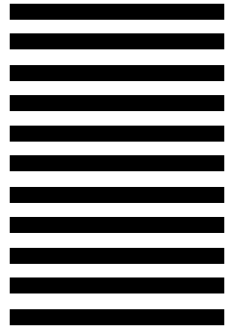
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