

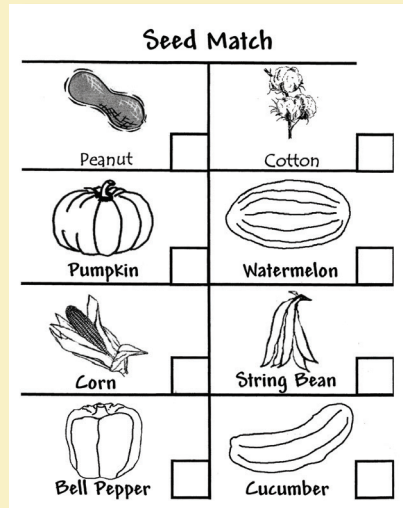


## UNDERSTANDING HOW PLANTS BEGIN AS SEEDS

### Seed Match

Make one copy of the seed match worksheet for each student. Create your own based on the model or download from [LearnAboutAg.org/WEGarden](http://LearnAboutAg.org/WEGarden).

1. Have students look at the commodities on the worksheet. Discuss the name of each, determine how each one is part of a healthy diet or used in daily life.
2. Present students with corresponding seeds in an egg carton or sorting box. Discuss the size, shape and appearance of each seed. Have students share their observations.
3. Challenge students to select seeds from the sorter and place each seed on the picture of the commodity to which it corresponds.
4. Cut or break open each whole commodity and locate the seeds within. Allow students to make corrections on the worksheets by moving seeds.
5. Have students glue seeds in correct locations on their worksheets and color each commodity correctly.
6. Count the number of seeds in each commodity. Add up all the seeds in the class. Create math word problems using your results.



#### Objective:

Students will understand that the fruits and vegetables we eat and many materials we use come from flowering plants, and that all flowering plants begin as seeds.

#### California Standards

**Grade 1:** ELA CC: SL.1.1  
Math CC: 1.NBT.1  
NGSS: 1-PS4-1, 1-LS1-1

**Grade 2:** ELA CC: SL.2.1  
Math CC: 2.OA.1  
NGSS: 2-LS2-2

**Grade 3:** ELA CC: SL.3.1  
Math CC: 3.OA.1  
NGSS: 3-LS-1

This lesson can be easily adapted to meet the educational standards for a variety of grade levels. You can also incorporate these seeds into math lessons!

#### Materials:

- Seed Match worksheet
- Commodities depicted on worksheet
- Seeds from selected commodities
- Egg carton or sorting box
- Crayons or markers
- Glue

#### Vocabulary:

Help your students brainstorm adjectives to describe seed characteristics.

**Coat:** smooth, rough, dry, wet, spiky, soft, hard, sticky, etc.

**Color:** dark, light, black, brown, white, tan, grey, etc.

**Shape:** oval, round, teardrop, etc.

**Size:** small, medium, large, inches, centimeters, compare to size of a coin, a pencil's eraser, a water drop, etc.

**Other questions:** Does it have a scent? What does it sound like when you shake it in a cup or eat it? How does the external covering protect the seed? How might animals help disperse seeds?

This lesson has been adapted from California Foundation for Agriculture in the Classroom curriculum. For additional educational resources, visit [Learn.About.Ag.org](http://Learn.About.Ag.org).