

Seed Search

Procedure

1. **Record Data** Record your observations in the chart below.

Type of Fruit	Sketch of Seed	Observations

2. **Collaborate** Work with a partner. Place one piece of fruit on a plate. Open it so that you can see the seeds inside. You may break the fruit open with your hands or cut the fruit open with a plastic knife. **Safety:** Be careful using the knife.
3. **Observe** Look closely at the seeds with a hand lens. Count the number of seeds. Note the color, size, and shape of the seeds. Observe how the seeds look in the fruit that surrounds them. Record your observations and draw a sketch of the seeds.
4. **Compare** Repeat steps 2 and 3 with three kinds of other fruit. Compare the seeds from the four different fruits.

Conclusion

Write the answers to the questions below.

1. **Compare** In what ways are the four types of seeds similar? In what ways are they different?

2. **Infer** What do you think seeds do? Why do you think seeds are found inside fruit?

Investigate More!

Design an Experiment Use a damp paper towel, radish seeds, and a resealable plastic bag. Plan an experiment to show what happens when a seed sprouts. Test your plan.

