

1. What is composting?
 - a. Composting is recycling food waste to make plant food.
2. Why is composting important?
 - a. Composting is important because when food goes to landfills it releases greenhouse gases. Greenhouse gases are bad because they contribute to global warming.
3. What are we making?
 - a. We are making a compost bottle.
4. Materials
 - a. Clear plastic bottle (pop bottle)
 - b. 1 cup of fruit, vegetables, and other organic food waste from the kitchen
 - c. 1 cup of leaves or grass clippings
 - d. 1 cup of shredded paper
 - e. 5 cups of potting soil
 - f. 1 or 2 cups of water
 - g. Tape
 - h. Scissors or sharp object
 - i. Permanent marker
 - j. 1 large bowl
 - k. 1 measuring cup
 - l. 1 spoon or cup
5. Procedure
 - a. Grab a plastic bottle and cut the top off of it
 - b. Put a layer of soil.
 - c. Put a layer of food.
 - d. Put a layer of soil.
 - e. Put a layer of shredded paper.
 - f. Put a layer of soil.
 - g. Put a layer of food.
 - h. Put a layer of soil.
 - i. Add a cup of water

- j. Put the top on and tape it
- k. Label the layers.

6. Hypothesis

- a. The food, shredded paper and soil will shrink.
- b. It will start to stink
- c. The food will start to decompose.
- d. The classes couldn't agree on a timeframe but it was between 2 weeks to 1 year.

7. Observation (week 1)

- a. Soil is still wet
- b. The amount of soils seems to have shrunken because the food and paper is starting to decompose.