



Week 4

Plant Life Cycle and the Parts We Eat

Lesson Objectives:

- Life Cycle of Flowering Plants
- Parts of a Plant and Function
- Plant Parts We Eat
- Activity: create Franken-plant

Key Words:

- Life Cycle: the series of changes in the life of an organism including reproduction
- Annual: makes seeds in one growing season
- Biennial: makes seeds in two growing seasons
- Perennial: makes seeds every year once mature
- Nutrient: substance essential for growth and maintenance of life
- Photosynthesis: uses sunlight to produce food

Life Cycle of a Flowering Plant:

- Seed→Seedling→Mature Plant→Flower→Fruit→Seed

Parts of a Plant and their Function:

- Seeds - hold everything needed to grow a new plant
- Roots - take in water and nutrients and store food for the plant
- Stem - supports the flowers, fruit, and leaves and connects them to the roots
- Leaves - use photosynthesis to make food for the plant
- Flowers - the reproductive part of the plant that makes seeds
- Fruit - the fleshy part of the plant that surrounds the seeds

Lesson Activity: Franken Plant

You can follow the video and make a Franken Plant from produce in your refrigerator or pantry. If you requested supplies from The Big Garden then follow the directions below.

Activity Materials:

- Clean Sheet of Paper
- Construction Paper
- Scissors
- Glue
- Pen or Pencil
- Markers or Crayons
- Images of Parts of a Plant

Activity Steps:

1. Color the images of the parts of a plant. You may use markers, crayons, pens, or pencils.
2. Cut out the plant parts images. (For younger students, the images will come precut.)
3. Glue the plant part images onto the construction paper/ clean sheet of paper building a Franken Plant.
4. Label each plant part (stem, flower, leaves, etc).

***If you are pressed for time, you can glue the images onto the paper before coloring them.**