

Structure and Function in Living Systems

Name:

Brainpop—Plant Growth

Period:

Watch the Brainpop on plant growth and answer the questions below. You can also use Chapter 12, Section 4 to help you. Then, label and color-code the diagram at the bottom of the page.

- _____ 1. Where are a plant's female sex cells located?
a. in the emblem b. in the anthers c. in the pistil
- _____ 2. Where are a flower's male sex cells found?
a. in pollen b. in stems c. in the xylem
- _____ 3. When does pollination happen?
a. when pollen from one flower is carried to the pistil of another flower
b. when the anther of one flower is carried to the anther of another flower
c. when a bee lands on a flower
- _____ 4. What is fertilization?
a. the separation of pollen from the anther
b. the mixing of dirt with water and flowers
c. the joining of a female and a male sex cell
- _____ 5. What does the ovary on a fruit tree grow into?
a. a flower b. a second tree c. a fruit
- _____ 6. What is a simple term for an undeveloped plant housed in a hard, protective shell?
a. a seed b. a flower c. a vegetable
- _____ 7. What does a new seed need to grow?
a. dark, cold temperatures, nitrogen, and ice
b. light, water, nutrients, carbon dioxide, and warm temperatures
c. a spot right next to the parent plant
- _____ 8. How can seeds be carried to new locations?
a. by animals that eat them b. by bees c. by worms

FEMALE PARTS: red MALE PARTS: blue PETALS: yellow

