

# Pre-Survey for Grade 8

Name: \_\_\_\_\_

School: \_\_\_\_\_

## Part 1 Directions: Circle the answer choice that you think is correct.

- 1) Which of the following opens in a leaf to let gasses in and out?
  - a) petiole
  - b) mesophyll
  - c) stomata
  - d) vein
  
- 2) Which of the following is needed for photosynthesis to take place?
  - a) glucose
  - b) carbon dioxide
  - c) water
  - d) oxygen
  
- 3) Where does a plant get its energy from?
  - a) glucose
  - b) carbon dioxide
  - c) water
  - d) oxygen
  
- 4) Which of the following is a true statement about ALL plants?
  - a) They use carbon dioxide at night.
  - b) They need soil to absorb nutrients.
  - c) They use photosynthesis to make food.
  - d) They need oxygen to make water.
  
- 5) Which of the following is a true statement about the prickly pear cactus?
  - a) It has thin spines to help reduce the loss of water.
  - b) It does not use photosynthesis during the day.
  - c) It has large leaves to absorb gasses.
  - d) It does not have roots.

**Part 2 Directions: Circle the answer choice that best answers the question according to how you feel.**

6) I like learning about plants.

- a) Strongly Agree
- b) Agree
- c) Neither Agree Nor Disagree
- d) Disagree
- e) Strongly Disagree

7) I like learning about photosynthesis.

- a) Strongly Agree
- b) Agree
- c) Neither Agree Nor Disagree
- d) Disagree
- e) Strongly Disagree

8) Learning about plants is important.

- a) Strongly Agree
- b) Agree
- c) Neither Agree Nor Disagree
- d) Disagree
- e) Strongly Disagree

9) Learning about photosynthesis is important.

- a) Strongly Agree
- b) Agree
- c) Neither Agree Nor Disagree
- d) Disagree
- e) Strongly Disagree

10) I would consider pursuing a career in botany (plant studies).

- a) Strongly Agree
- b) Agree
- c) Neither Agree Nor Disagree
- d) Disagree
- e) Strongly Disagree