

Understanding Plant Processes

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Photosynthesis, Respiration, and Transpiration

Name: _____

Date: _____

Answer each question based on what you learned about plant processes.

1. What is the process called where plants turn sunlight into food energy?

- A. Respiration
- B. Photosynthesis
- C. Transpiration

2. Explain how respiration helps plants use the energy they get from photosynthesis. What happens during this process?

3. Transpiration is the process where plants move ____ through their leaves into the air.

4. Photosynthesis occurs in the leaves of plants.

- True False

5. What did God create on the earth according to Genesis 1:11?

- A. Animals
- B. Grass and fruit trees
- C. Mountains

6. Why do you think God designed plants with complex processes like photosynthesis, respiration, and transpiration?

7. The movement of water through a plant is called ____.

8. Respiration in plants is similar to how humans breathe and use oxygen.

- True False

9. Which of these processes helps plants grow by using sunlight?

- A. Transpiration
- B. Photosynthesis
- C. Respiration

10. What is one interesting fact you learned today about plant processes?

Answer Key

1. Photosynthesis 2. Respiration helps plants break down the food they make to release energy for growth and other functions. 3. water 4. True 5. Grass and fruit trees 6. God designed these processes so that plants could thrive and support life on earth, showing His wisdom and creativity. 7. transpiration 8. True 9. Photosynthesis 10. I learned that transpiration helps cool the plant and allows it to take in nutrients from the soil.