

Name \_\_\_\_\_

## Why Do Plants Need Carbon Dioxide to Grow

### Multiple Choice Questions

1. What is the primary purpose of photosynthesis in plants?
  - a. To produce oxygen
  - b. To capture sunlight
  - c. To absorb water
  - d. To create glucose for energy and growth
  
2. Which of the following is not a key ingredient in photosynthesis?
  - a. Carbon dioxide
  - b. Water
  - c. Sunlight
  - d. Nitrogen
  
3. What is the main role of chlorophyll in photosynthesis?
  - a. To capture carbon dioxide
  - b. To store glucose
  - c. To release oxygen
  - d. To capture sunlight for energy conversion
  
4. Why is carbon dioxide important for plant growth?
  - a. It helps plants cool down
  - b. It prevents diseases in plants
  - c. It is used to build plant cell walls
  - d. It is a key ingredient in photosynthesis for energy and growth
  
5. How does carbon dioxide enter plants for photosynthesis?
  - a. Through their roots
  - b. Through tiny openings called stomata
  - c. Through their flowers
  - d. Through their stems

