

Name \_\_\_\_\_

## How Carbon Gets from the Air into Plants and Trees

### Multiple Choice Questions

1. What is the primary role of carbon in living organisms?
  - a. Providing energy
  - b. Forming the backbone of organic molecules
  - c. Producing oxygen
  - d. Facilitating photosynthesis
  
2. Where does photosynthesis primarily occur in plants?
  - a. In the roots
  - b. In the stems
  - c. In the flowers
  - d. In the chloroplasts
  
3. What is the primary byproduct of photosynthesis?
  - a. Water
  - b. Oxygen
  - c. Glucose
  - d. Carbon dioxide
  
4. How does carbon dioxide enter plants for photosynthesis?
  - a. Through tiny openings called stomata
  - b. Through the plant's roots
  - c. Through the plant's stems
  - d. Through the plant's flowers
  
5. What is the purpose of chlorophyll in photosynthesis?
  - a. To produce glucose
  - b. To capture sunlight
  - c. To release oxygen
  - d. To store carbon dioxide

