

Name \_\_\_\_\_

## The Power Vault: How Plants Store Energy from Photosynthesis

### Multiple Choice Questions

1. What serves as the primary energy currency in plants, storing energy from photosynthesis?
  - a) Carbon dioxide
  - b) Water
  - c) Glucose
  - d) Oxygen
  
2. Where do many root vegetables like potatoes store starch for energy?
  - a) Leaves
  - b) Fruits
  - c) Flowers
  - d) Roots
  
3. What process converts stored glucose into usable energy in plants?
  - a) Photosynthesis
  - b) Cellular respiration
  - c) Transpiration
  - d) Germination
  
4. In what form do fruits primarily store energy from photosynthesis?
  - a) Starch
  - b) Oxygen
  - c) Glucose
  - d) Carbon dioxide
  
5. How do plants adapt their energy storage and usage in response to changing seasons?
  - a) They store more energy in summer and less in winter.
  - b) They conserve energy in summer and spend it in winter.
  - c) They maintain a constant energy storage throughout the year.
  - d) They use up all their energy in summer and store it in winter.

