

Name \_\_\_\_\_

## The Magical Journey: What Happens to Plant Food Made Through Photosynthesis?

### Multiple Choice Questions

1. What are the three main ingredients required for photosynthesis?
  - a) Sunlight, oxygen, and water
  - b) Sunlight, carbon dioxide, and water
  - c) Sunlight, nitrogen, and water
  - d) Sunlight, glucose, and carbon dioxide
  
2. Where does photosynthesis primarily take place in a plant cell?
  - a) Nucleus
  - b) Cell membrane
  - c) Mitochondria
  - d) Chloroplasts
  
3. What is the purpose of the light-dependent reactions in photosynthesis?
  - a) To produce glucose
  - b) To capture sunlight energy
  - c) To release oxygen
  - d) To store energy as ATP
  
4. What is the primary product of the Calvin cycle in photosynthesis?
  - a) Oxygen
  - b) ATP
  - c) Glucose
  - d) Carbon dioxide
  
5. How do plants release the energy stored in glucose for their use?
  - a) Through photosynthesis
  - b) Through cellular respiration
  - c) Through transpiration
  - d) Through osmosis

