

Name _____

Sunlight: The Magic Ingredient for Plant Growth

Multiple Choice Questions

1. Why is sunlight essential for plants?
 - a) It provides warmth
 - b) It gives plants their green color
 - c) It is a source of energy for photosynthesis
 - d) It makes plants grow faster

2. What is the primary purpose of photosynthesis in plants?
 - a) To produce oxygen for humans
 - b) To create glucose and oxygen for the plant's energy needs
 - c) To make plants taller
 - d) To change the plant's color

3. What is the main pigment responsible for capturing sunlight in plant cells?
 - a) Glucose
 - b) Starch
 - c) Chlorophyll
 - d) Oxygen

4. How does light play a role in the growth of plants?
 - a) It tells the plant when to stop growing
 - b) It makes plants grow in all directions
 - c) It signals plants when to grow and when to stop growing
 - d) It has no effect on plant growth

5. Why do some indoor plants require grow lights?
 - a) To keep them warm
 - b) To give them a colorful appearance
 - c) To provide the necessary spectrum of light for photosynthesis
 - d) To make them grow taller

