

Name _____

Sunlight: The Magic Ingredient for Plant Growth

Short Answer Key

1. The primary product of photosynthesis is glucose, which is used by plants for energy and to create other organic compounds.
2. Light can affect the timing and quantity of flowers produced by plants. Some plants require specific amounts of daylight to trigger flowering.
3. Different plants have adapted to varying levels of sunlight, with some being "sun-loving" and others "shade-loving."
4. Indoor plants need grow lights to provide the necessary spectrum of light for photosynthesis because they don't have access to natural sunlight.
5. Chlorophyll is a pigment that captures sunlight in plant cells, allowing plants to convert it into energy through photosynthesis.

