

Name _____

Sunlight SOS: What Happens to Plants When They Don't Get Enough Sun?

Multiple Choice Questions

1. What is the ultimate source of energy for plants?
 - a) Water
 - b) Soil
 - c) Sunlight
 - d) Carbon dioxide

2. Why do leaves of plants lacking sunlight often turn yellow?
 - a) Due to a lack of water
 - b) Because of an excess of sunlight
 - c) As chlorophyll breaks down
 - d) As a sign of disease

3. How does a lack of sunlight affect a plant's growth?
 - a) It makes the plant grow taller and sturdier.
 - b) It speeds up the growth process.
 - c) It can lead to stunted growth and leggy stems.
 - d) It has no impact on growth.

4. What is phototropism in plants?
 - a) The process of converting sunlight into energy
 - b) The ability to bend or grow toward light sources
 - c) The process of shedding leaves in low-light conditions
 - d) The color change of leaves in response to light

5. What adaptations have some plants developed to thrive in low-light conditions?
 - a) They have smaller leaves.
 - b) They exhibit phototropism.
 - c) They become more susceptible to disease.
 - d) They have larger leaves to capture more available light.

