

SOL4.4**Day 1**

Match the term to its definition:

- ____ photosynthesis
 ____ chlorophyll
 ____ pollen
 ____ spores

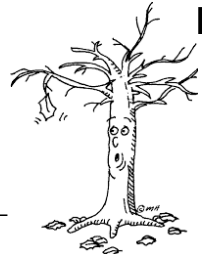
- A. tiny, one-celled organisms from which plants like mosses and ferns reproduce
 B. A green chemical in plant leaves that absorbs sunlight and helps plants make sugar
 C. The way a plant uses sunlight to convert carbon dioxide and water into sugar to use as a food source
 D. Tiny grains made by a seed-bearing plant that are needed for it to reproduce

SOL4.4 Select the best answer:**Day 2**

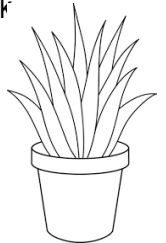
The period when a plant's life functions are suspended or slowed is called
 hibernation migration dormancy photosynthesis

What two seasons can cause this to happen? _____ & _____

Leaves change color in the fall because production of _____ stops.
 photosynthesis chlorophyll sugar sunlight



SOL4.4 Marcus had two plants. He placed one on a windowsill which received many hours of sunlight each day. He placed the other plant on a bookshelf in a dark hallway. He watered each plant daily. After a month, the plant in the hallway was almost dead. The plant in the window was thriving. Explain what happened to each plant.

Day 3**SOL4.4****Day 4**

Draw a diagram of the photosynthesis process. Label the diagram with these words: sunlight, carbon dioxide, oxygen, water and nutrients, leaves, soil, roots

SOL5.1**Day 5**

Read the statements. Place an "H" on the line for hypothesis and "C" on the line for conclusion.

- ____ A plant that is given fertilizer will grow faster than a plant that does not get fertilizer.
 ____ The plant that was given fertilizer grew twice as fast as the plant that did not get fertilizer.
 ____ The mouse that was trained with cheese rewards cleared the maze faster than the mouse that did not receive cheese rewards.
 ____ A teaspoon of salt dissolved faster in hot water than in cold water.
 ____ A teaspoon of salt will dissolve faster in hot water than in cold water.