

# How well do you know the process of photosynthesis?

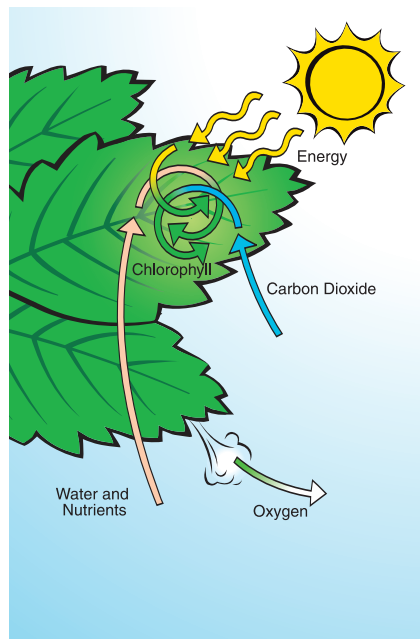
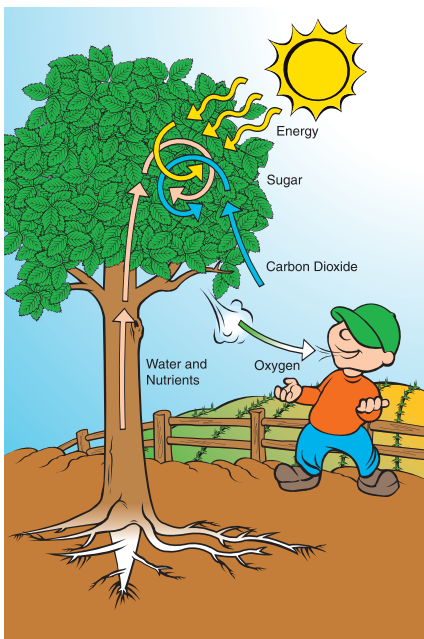


Fill in the blanks with these words:

sunlight                      sugar                      glucose  
chlorophyll                oxygen                    carbon  
producers                    animals                    food

Green plants are \_\_\_\_\_ meaning they can make their own \_\_\_\_\_ to survive. To do this, they combine \_\_\_\_\_ dioxide, water and nutrients to make compounds like \_\_\_\_\_, starch and proteins. The photosynthesis process is powered by energy from \_\_\_\_\_ that is drawn in by a chemical called chlorophyll. \_\_\_\_\_ is the natural chemical that makes the plant green. When plants use carbon dioxide and water to make glucose, \_\_\_\_\_ is the result.

\_\_\_\_\_ energy + water + \_\_\_\_\_ dioxide = \_\_\_\_\_ + oxygen.



## Fact:

During the winter there is not enough light or water for photosynthesis. The trees will rest and live off the food they stored during the summer. They begin to shut down their food-making factories. As the green chlorophyll disappears from the leaves we begin to see yellow and orange colours of the Fall.