

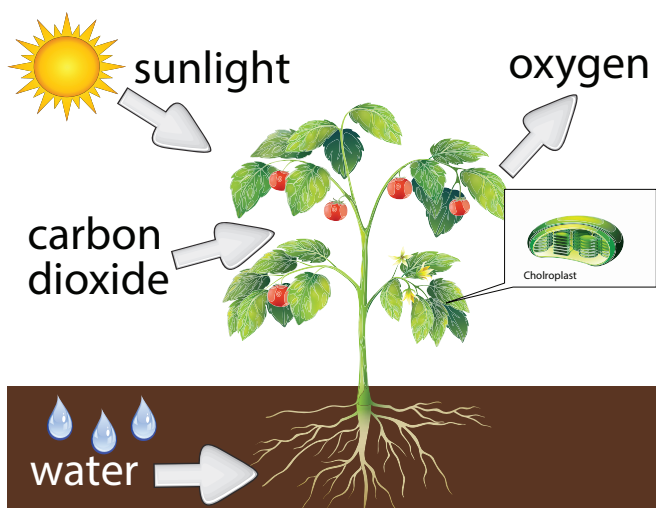
Sample Lesson #1

Photosynthesis

Unlike animals, plants can make their own food. The food that plants make is sugar. The sugar is made by a process called **photosynthesis**. Sugar is created in the green parts of a plant. **Chlorophyll** is the green substance inside leaves. Chlorophyll absorbs sunlight.

Sunlight provides the energy for photosynthesis to happen.

Plants take a gas called carbon dioxide from the air; they pull water up through their roots, and use sunlight to make sugar. This sugar provides the energy that plants need for growth and health. Plants give off oxygen as a by-product. The plant uses the sugar for energy. Plants use some of this energy right away and the rest is stored in the leaves, stem, and seeds for later use. The equation for photosynthesis is:



1. Where do plants store the food that they make?

2. What do plants absorb through their root system?

3. Write the formula for photosynthesis on the line.

4. What is the gas that plants give off during photosynthesis?

5. The giraffe is warm-blooded. It is a mammal; it is very tall.
These are all _____ of the giraffe.

characteristics parts sizes



6. When birds fly south for the winter, what are they doing?

hibernating migrating growing hiding

7. The plant kingdom is divided into two groups. Underline them.

moss vascular fungi nonvascular mushroom

8. Which step of the scientific method comes right after
Observe and Ask Questions?

9. An anemometer measures wind _____.

direction speed temperature

10. Write T if the statement is *true* or F if it is *false*.

_____ Wind is an example of a living thing.