**Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

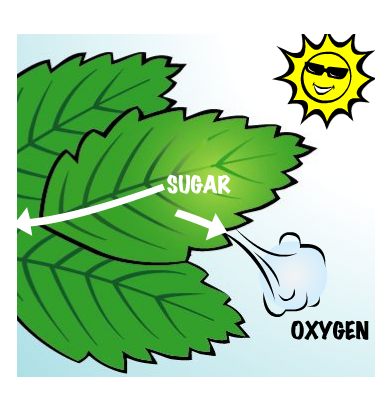
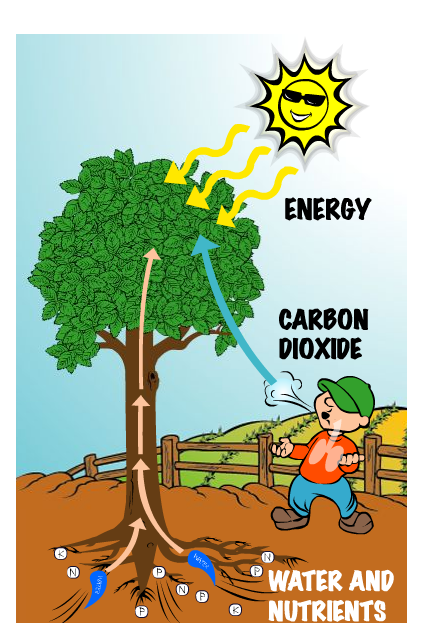
**Period\_\_\_\_\_\_\_\_**

*I can describe how photosynthesis works and why it is necessary.*

**Photosynthesis Animation**

**Directions:** Watch the animation and fill in the corresponding notes and blanks on diagrams. You may have to watch it multiple times in order to catch everything.

What Goes In

****

Plants with green leaves are

able to make their own \_\_\_\_\_\_\_\_\_\_\_

This process is called

PHOTOSYNTHESIS.

Leaves contain a natural

Chemical called chlorophyll

that makes them \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Chlorophyll allows the plant to

use \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_from the sun to

trigger the food-making process.

Photo means \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Synthesis means \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

What Comes Out

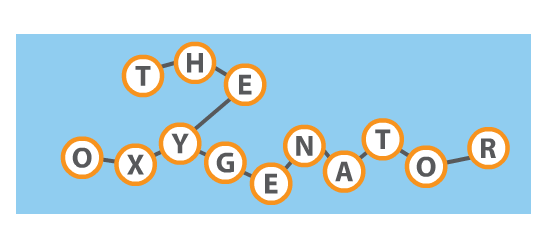












**Directions**: Play the game for two rounds and record your score and answer the 2 questions below

1. My Score\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What materials necessary for photosynthesis enter the plant from above?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What materials necessary for photosynthesis enter the plant from below?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. What harmful materials should plants avoid?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Photosynthesis Quiz

1. Green plants are producers meaning they can make their own:

A. Seeds B. Roots C. Food

1. Photo means light. Synthesis means\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
2. Mix B. Combine C. Glue
3. Leaves contain a natural chemical called:
4. Autotroph B. Oxygen C. Chlorophyll
5. Plants breathe carbon dioxide in and breathe out\_\_\_\_\_\_\_\_\_\_\_
6. Transpiration B. Oxygen C. Water
7. Plants take carbon dioxide from the air. One of the most common sources of this gas is:
8. Cars B. Humans and Animals C. Volcanoes D. All of these.
9. Chlorophyll is a natural chemical that turns the leaves in many plants this color.
10. Red B. Orange C. Green