

# How do leaves change color?

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

Draw a picture of a leaf in the spring or summer.

## Words to Know and Understand

**Photosynthesis**--the process in which plants make food

**Chlorophyll**-A pigment that makes leaves green

Photosynthesis is the process in which plants convert sunlight, water and carbon dioxide into food energy. As winter nears and there is less light and water, leaves will lose their color because the process of photosynthesis, shuts down until spring comes.

## Did You Know?

- 1: A tree's leaves are orange and yellow even in the summer.
- 2: Most leaves have the pigments of three colors.(yellow, orange,green)
- 3: Leaves contain chlorophyll. Chlorophyll is the pigment that makes leaves green.
- 4: Chlorophyll is the stronger pigment and covers the yellow and orange.

