

Name \_\_\_\_\_

# Photosynthesis

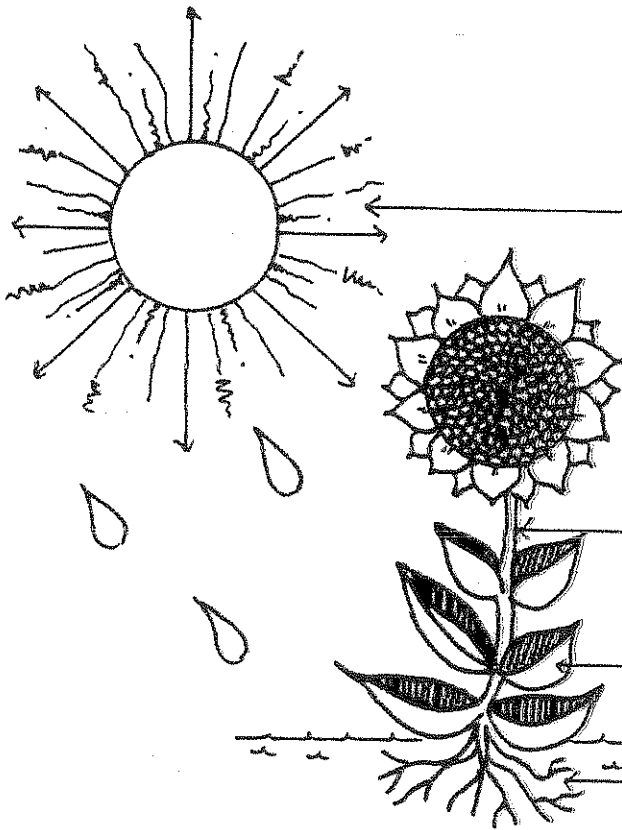
"Photo" means with light. "Photosynthesis" is putting together with light.



The stems and leaves of most plants are green. The green color is *chlorophyll*. Chlorophyll helps plants grow. It helps them make *oxygen* ( $O_2$ ). Most plants take in *water* through their roots. They take in *carbon dioxide* ( $CO_2$ ) through their leaves. *Heat* and *light* from the *sun* shine on the plants. This helps the chlorophyll do its job. The plant makes sugar and oxygen. The sugar helps the plant grow bigger. The oxygen goes out into the air for us to breathe. This process, called *photosynthesis*, is necessary for all plants, animals, and people to live.



With your teacher's help, label the parts on the drawing below.



1. Plants get heat, light, and energy from the \_\_\_\_\_
2. The green color of plants is chlorophyll. Chlorophyll helps plants make \_\_\_\_\_ and \_\_\_\_\_
3. Plants take in carbon dioxide through their \_\_\_\_\_
4. Plants take in water and minerals through their \_\_\_\_\_