

Name _____ Date _____

PLANTS MAKE FOOD

Plants store energy from the Sun, which is transferred to the organisms that eat the plants.

Read the paragraph. Then answer the questions that follow.

Plants make their own food through the process of photosynthesis. Photosynthesis occurs when sunlight shines on the green surface of a plant. The chlorophyll inside the leaves takes in the energy from the Sun. The chlorophyll in the leaf is contained in small structures called *chloroplasts*. The chlorophyll uses the energy to change carbon dioxide and water into a simple sugar called *glucose*. Plants use this sugar as food. As a result of photosynthesis, plants give off oxygen into the air. The oxygen is a waste product of photosynthesis.



1. What is photosynthesis?

2. How are chlorophyll and chloroplasts related?

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