Netherlands who first Jan Ingenhousz was discovered some of a botanist from the photosynthesis. He lived from the stages of 1730 to 1799.

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things. They are **Think about the** noisy, and smell Plants are busy making food to feed the world, and they do it people use to actories that ike smoke or manufacture usually big, chemicals.

around to get your food or call for someone to What do you do when What would you do if you could not move you feel hungry? bring you food? itself in when it needs food. plant finds situation a This is the

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and other food. This food dioxide to make sugar hydrogen and carbon The plant mixes the is called sap.

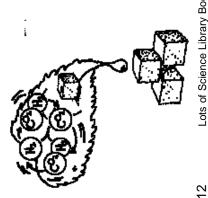
Photo means "light,"

DID YOU

means "putting

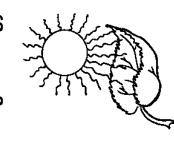
together."

and synthesis



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captures, or absorbs, sunlight energy. The chlorophyll



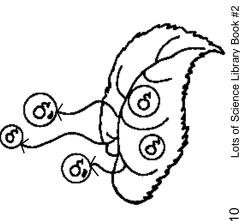
the tiny bodies in the plant cells In most plants, chloroplasts are that contain the chlorophyll.

released into the air The oxygen is by the plant.

plants need to live

and grow?

Do you remember the things that all



air (CO₂)

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without a sound.

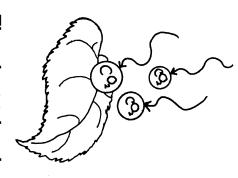


Here's how the leaves of the plant. manufactured in the Most of the food is

works: factory

of their leaves chlorophyll in the cells Plants have

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carbon dioxide from the air. The plant takes in

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themselves make it food. They of getting unique way Plants have

your driveway to the giant saguaro, All plants, from the tiny weed in make their own food.

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that eat plants. All people and animals plants or eating animals live by either eating

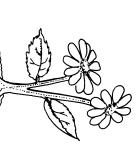


few examples of food chains? earth. Can you think of a of every food chain on the Plants are the first element

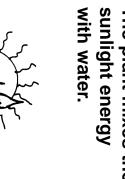
store for later use. the sap throughout its parts to use or The plant moves

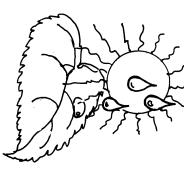
food they need to to manufacture the three ingredients Plants use these

live and grow.

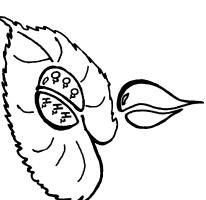


sunlight energy The plant mixes the





splits the water into hydrogen and oxygen. The sunlight energy



is called food manufacturing photosynthesis This process of

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