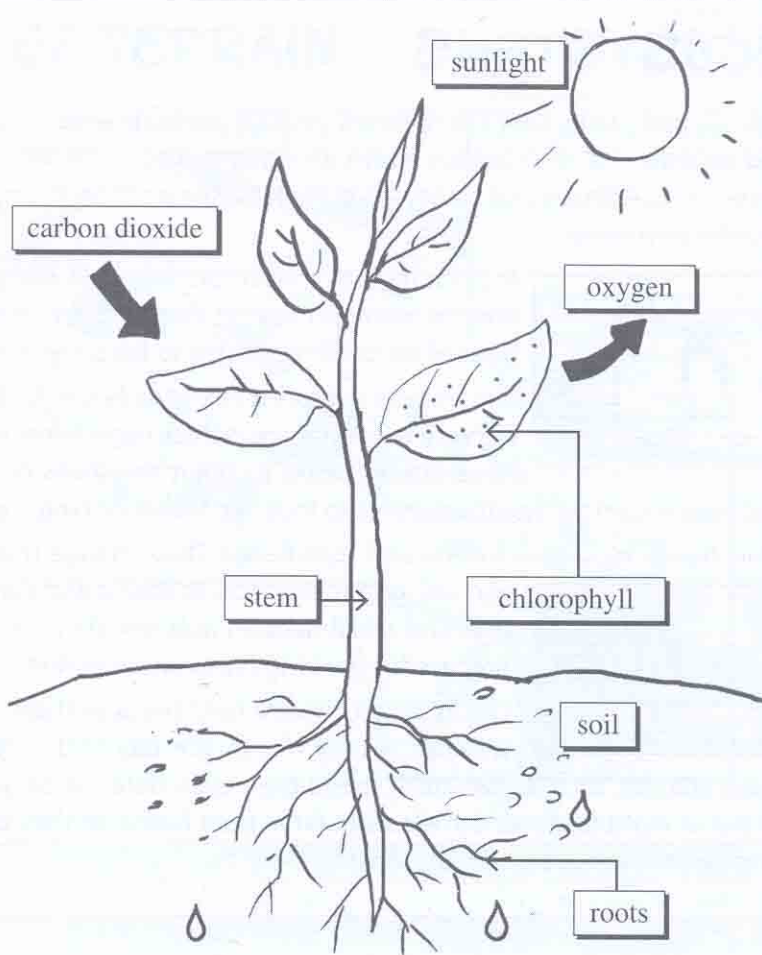


PHOTOSYNTHESIS

All living things need food. Human beings grow or kill their food. Animals eat plants or hunt for food, but plants are autotrophic – this means they make their own food.

Nearly all plants have got green leaves. This is because the leaves contain a green substance called chlorophyll. Plants use chlorophyll, water and sunlight to make food. Water from the soil moves to the leaves through the roots and the stem. The chlorophyll in the leaves uses the energy from sunlight to transform carbon dioxide and water into sugar (plant food). This process is called photosynthesis.

During photosynthesis the plant releases oxygen. Human beings and animals inhale this oxygen. When they breathe out, they exhale carbon dioxide. Then plants use the carbon dioxide in photosynthesis.



1 Complete the sentences.

1. Plants are – they make their own food.
2. The green substance in leaves is called
3. The roots absorb from the soil.
4. Plants release during photosynthesis.
5. Humans inhale oxygen and exhale

2 Write what you think will happen if there are no green plants in the future.

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Let's Investigate



Use an encyclopedia or the Internet. Write about the Venus Fly-Trap. Explain how it gets its food.

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