

Science

Photosynthesis

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- Plants, like all living things, need food.
- They make their own food.
- One of the main functions of the leaves is to make or manufacture food for the plant.
- This process is called photosynthesis.



During photosynthesis, plants take in:

1. Carbon dioxide (CO<sub>2</sub>) from the air
2. Water and minerals from the soil

in the presence of

1. Sunlight
2. Chlorophyll (in green leaves)

and release oxygen (O<sub>2</sub>).

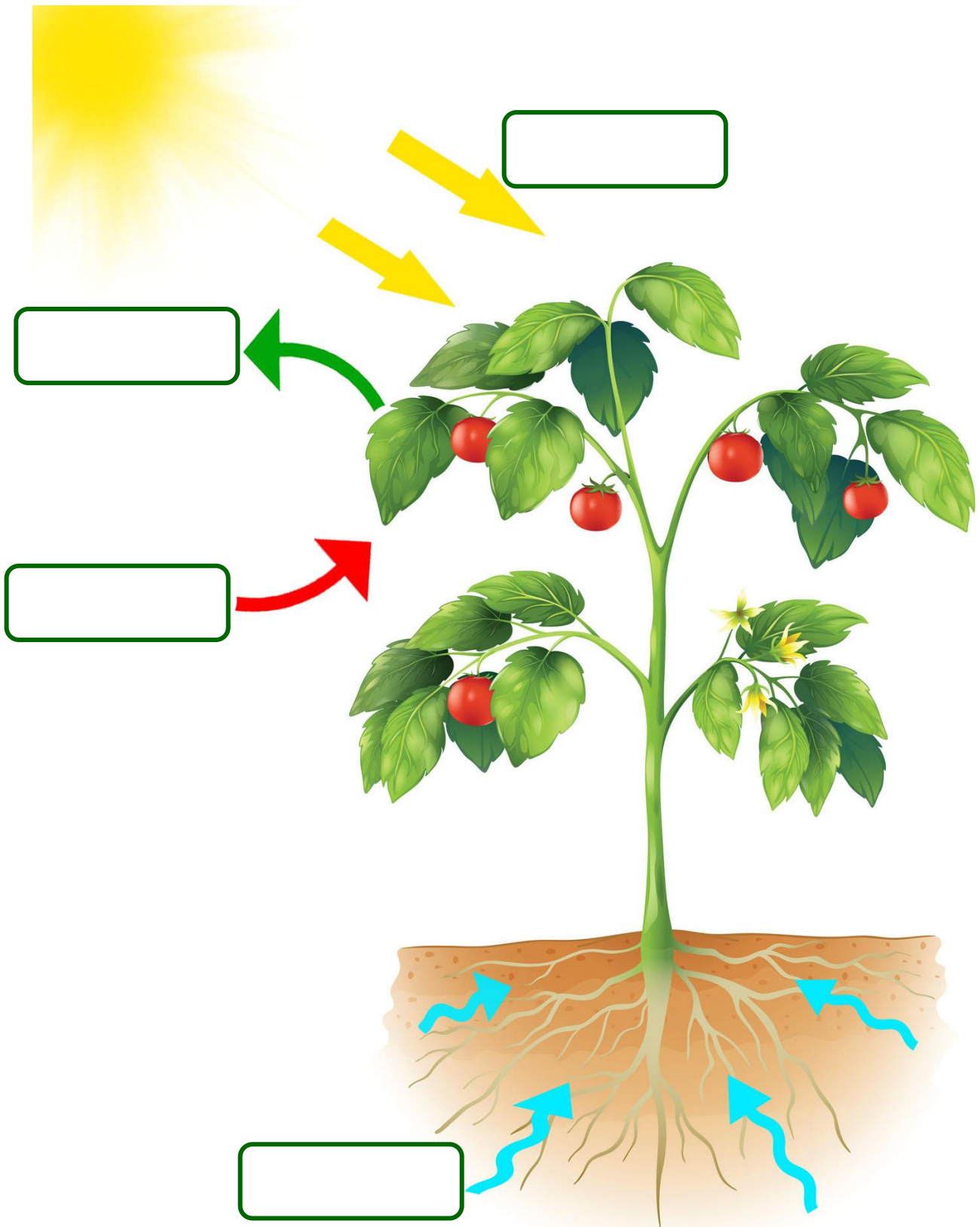
1. Label the diagram below showing **photosynthesis**. Use the following words:

Water and minerals

Oxygen

Carbon dioxide

Sunlight



2. The leaf is like a factory.



In a factory, materials called **input**, are brought to the factory and **processed**.  
The finished product is called the **output**.

Using the following words, complete the diagram:

Plant food , Sunlight , Water and minerals , Oxygen , Carbon dioxide

