

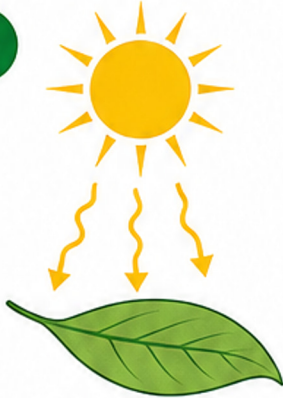
Photosynthesis

Process Sequencing Cards



Cut out the cards and put them in the correct order to show the photosynthesis process.

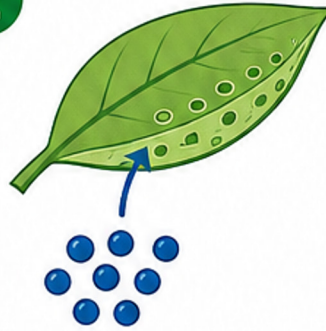
1



Sunlight

Sunlight provides energy for photosynthesis.

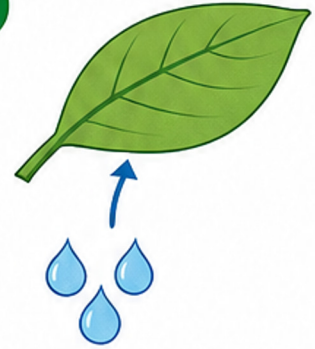
2



Carbon Dioxide

Carbon dioxide enters the leaf through tiny openings (stomata).

3



Water

Water is absorbed by the roots and transported to the leaves.

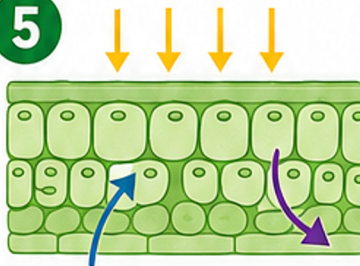
4



Chlorophyll

Inside the leaf cells, chlorophyll captures the sunlight.

5



Energy Conversion

Sunlight energy is used to convert carbon dioxide and water into sugars.

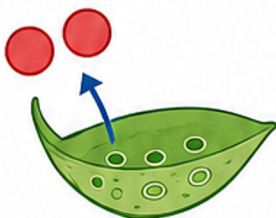
6



Sugar and Oxygen

Glucose (sugar) is produced. Oxygen is released.

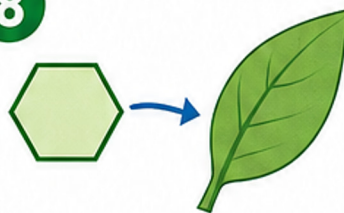
7



Oxygen Released

Oxygen exits the leaf through the stomata and into the air.

8



Sugar Used or Stored

Glucose is used for energy, growth, or stored in the plant.

9



Process Complete

The plant makes its own food and supports life and growth.



Key Idea: Photosynthesis uses sunlight, carbon dioxide, and water to make sugar and release oxygen.