

PHOTOSYNTHESIS

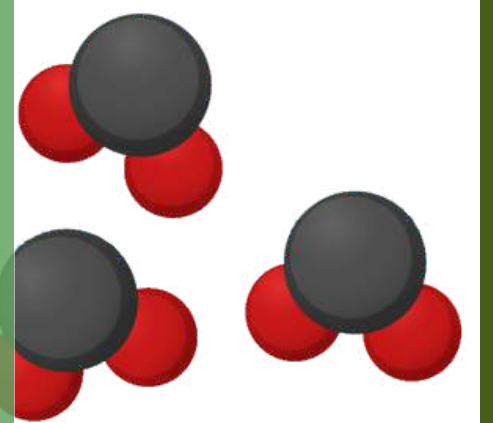
5

Oxygen is released

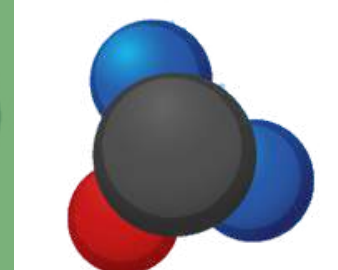
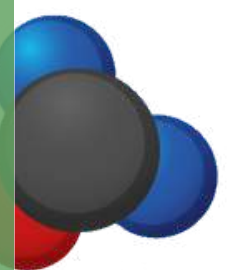
into the air

4

The hydrogen is then combined with the Carbon dioxide to produce carbohydrates,



Carbon dioxide



Carbohydrates

Sunlight

1

Leaves absorb the energy in sunlight and take in carbon dioxide from the air.

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Plant cell



Chloroplast

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2

Water

Water is taken in through the roots

3

In leaf cells, chloroplasts use sunlight to split water into oxygen and hydrogen.