

Photosynthesis

Photosynthesis is how plants make their own food to get energy.

This is how they do it:

Plants take in carbon dioxide from the air through their leaves.

They take up water from the ground through their roots. Energy from sunlight works together with the carbon dioxide and water to produce sugar (glucose) and oxygen. The plant uses the sugar for food and the oxygen is released into the air through the leaves of the plant.

carbon dioxide + _____ (+ sunlight energy) \longrightarrow sugar + _____

