

Photosynthesis is how green plants make food using sunlight. Plants use a green pigment called chlorophyll.

Equation:

Sunlight + Carbon Dioxide (CO₂) + Water (H₂O) → Sugar (Glucose) + Oxygen (O₂)

Key Points:

- Photosynthesis happens in the chloroplasts, which are parts of plant cells.
- Plants need sunlight, water, and carbon dioxide to make food.
- The process makes sugar, which is a type of food, and oxygen, which is released into the air.

Activity:

Look at a picture of a chloroplast. Label its parts and write down what each part does in photosynthesis.