

Topic: Photosynthesis

Photosynthesis is the process by which green plants manufacture their own food using sunlight, carbon dioxide from the air, and water from the soil. This process takes place in the chloroplasts of the plant's leaves and produces oxygen as a byproduct.

Key concepts:

- Requires sunlight
- Takes place in chloroplasts (contains chlorophyll)
- Uses water and carbon dioxide
- Produces glucose (food) and oxygen