

PHOTOSYNTHESIS REFERENCE CHART



The Inputs (Reactants)

- **Sunlight:** Energy absorbed by Chlorophyll.
- **Water (H₂O):** Absorbed through the roots.
- **Carbon Dioxide (CO₂):** Taken in from the air via stomata.

The Outputs (Products)

- **Glucose (C₆H₁₂O₆):** Sugar used by the plant for food and growth.
- **Oxygen (O₂):** Released into the atmosphere as a byproduct.

Key Definitions

- **Chloroplast:** The organelle where photosynthesis takes place.
- **Chlorophyll:** The green pigment that captures light energy.
- **Stomata:** Tiny pores on the leaf surface for gas exchange.

[Space for Student Diagram: Leaf, Sun, and Gas Exchange]

Classroom Science Resource © 2024