# Answer the Question Test

Question: Explain the process of photosynthesis in plants.

Answer: Photosynthesis is the process by which green plants use sunlight to synthesize foods from carbon dioxide and water. It involves the green pigment chlorophyll and generates oxygen as a byproduct. The overall reaction can be summarized as:

6CO₂ + 6H₂O + light → C₆H₁₂O₆ + 6O₂