

# Photosynthesis and Cellular Respiration

**Photosynthesis**  
 Photosynthesis is a chemical reaction used by plants and other organisms to store energy as glucose. The process changes carbon dioxide and water into glucose and oxygen and requires light energy.

**Cellular Respiration**  
 Cellular respiration is a chemical reaction used by most organisms to generate energy from glucose. The process changes glucose and oxygen into water and carbon dioxide and releases chemical energy for the cell.

