

## Photosynthesis

Photosynthesis is the process by which green plants and some other organisms use sunlight to synthesize foods from carbon dioxide and water. It usually involves the green pigment chlorophyll and generates oxygen as a by-product.

## Cell Division

Cell division is the process by which a parent cell divides into two or more daughter cells. It is essential for growth, repair, and reproduction in living organisms.

## Respiration

Respiration is a biological process in which cells convert glucose and oxygen into energy (ATP), releasing carbon dioxide and water as waste products. It provides the energy required for all cellular activities.

## Newton's Laws of Motion

1. An object will remain at rest or move in a straight line unless acted upon by an external force.
2. The acceleration of an object depends on the net force acting upon it and the object's mass.
3. For every action, there is an equal and opposite reaction.