



Inputs: carbon dioxide and water
Outputs: glucose and oxygen
Occurs in two reactions: light-dependent and light-independent (Calbin cycle)
Occurs in chloroplast
Occurs only in autotrophs

Requires ATP
Generates ATP
Utilizes an electron transport chain
Utilizes ATP synthase
Occurs across organelle

Inputs: oxygen and glucose
Outputs: carbon dioxide and water
Occurs in three reactions: glycolysis, Krebs cycle, chemiosmosis
Occurs in the mitochondrion
Process of both heterotrophs