

HETEROTROPHS

2ND Law of Thermodynamics

Anabolic Pathway

Chemoautotrophs

Light-Independent Reaction

Cellular Respiration

CAM Pathway Plants

Alternative Pathways

1st Law of Thermodynamics

AUTOTROPHS

Photoautotrophs

catabolic Pathway

Photosynthesis

Light-dependent Reaction

Photosynthesis

C₄ Pathway Plants