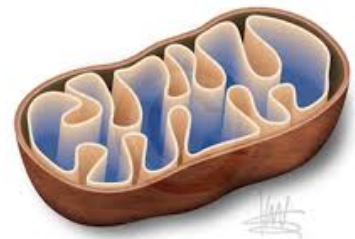
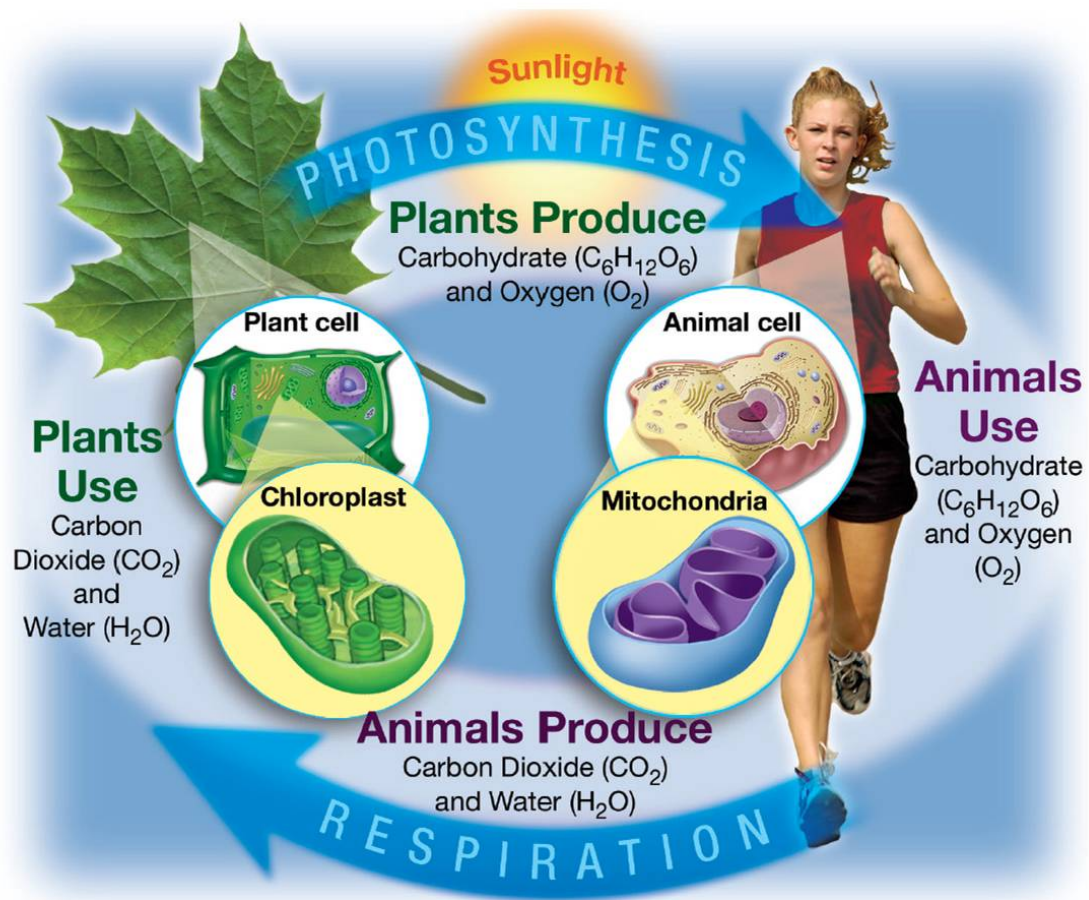
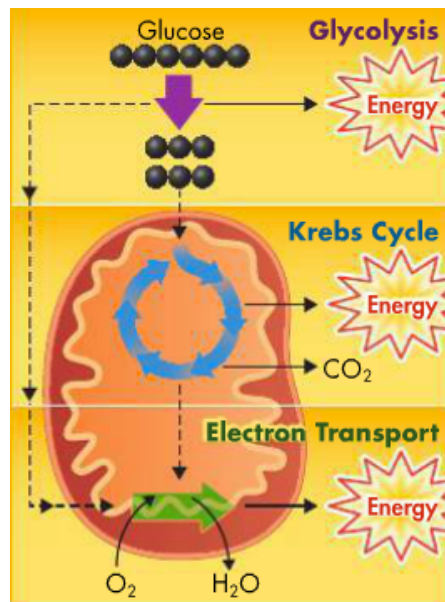


Let's Review **CELLULAR RESPIRATION**Location: mitochondriaFunction: make energyIn Words: oxygen + glucose $\rightarrow$ carbon dioxide + water + energyIn Symbols: $6O_2 + C_6H_{12}O_6 \rightarrow 6CO_2 + 6H_2O + \text{energy}$



Stages of Cellular Respiration



1. Glycolysis

2. Krebs Cycle

3. Electron Transport

Glycolysis

Prefix

glyco-sugar

Suffix

- lysis = to break apart lol.

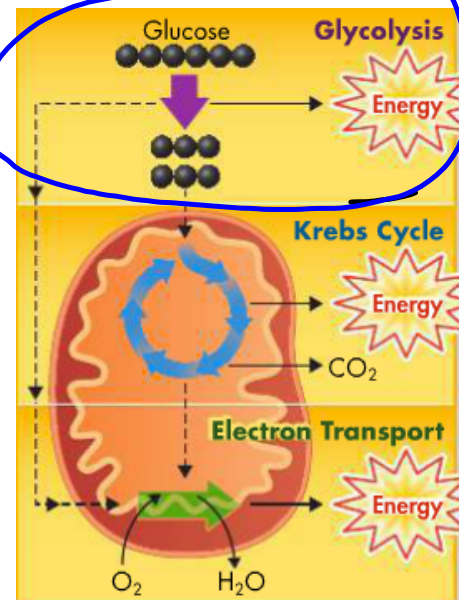
Location: cytoplasm = cell goo.

Oxygen Needed?:

Anaerobic
'without' 'oxygen'

Overview:

glucose → ATP
 ↓
 pyruvate



Kreb's Cycle

Location: mitochondria

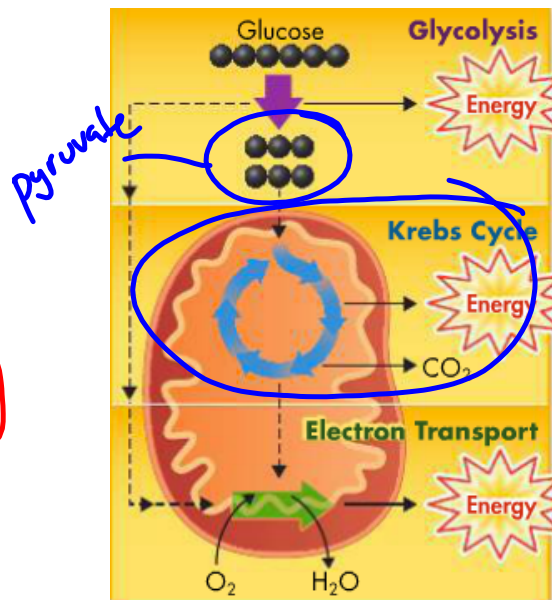
Oxygen Needed?:

aerobic

Overview:

overview:

pyruvate + O₂ → energy
 ↓ CO₂
 Citric acid



Electron Transport

Location: mitochondria

Oxygen Needed?:

aerobic

Overview:

citric acid + oxygen $\rightarrow$ ATP
 $\rightarrow$ water

