

Concept 7.1 Sunlight powers life.

Obtaining Food:

Autotrophs (self-feeder)

- make their own food
- photosynthesis
- **producers**

Heterotrophs (other eaters)

- cannot make their own food
- **consumers**

Harvesting the Energy in Food:

Cellular respiration - Chemical process that uses oxygen to convert the chemical energy stored in organic molecules in another form of chemical energy.

Glucose + Oxygen ---- Carbon dioxide + Water + ATP

ATP - Adenosine triphosphate