

Producers & Consumers



Learning Objectives

- Identify the source of energy for life processes
- Compare and contrast autotrophs and heterotrophs

Energy Flow



All living things need energy to survive

Sunlight



Sunlight is the main energy source for life on Earth

Organisms are divided on how they obtain energy



Autotrophs



Heterotrophs

Autotrophs



Autotrophs - make their own food for energy using sunlight or chemicals. AKA producers

Heterotrophs



Heterotrophs - organisms that rely on other organisms for their energy and food supply.
AKA consumers

Herbivore



Herbivore - Eats only plants.
Examples: deer, squirrel

Carnivore



Carnivore - eats other animals
Example: Tiger, Hawk

Omnivore



Omnivore - eats plants and animals
Examples: Humans, Bears

Detritivores



Detritivores - feeds on the bodies of dead matter
Decomposers - break down organic matter
Scavengers - feed on dead/dying animals

YouTube

Decomposers

Stop Here



Ecology - Part 3



Energy