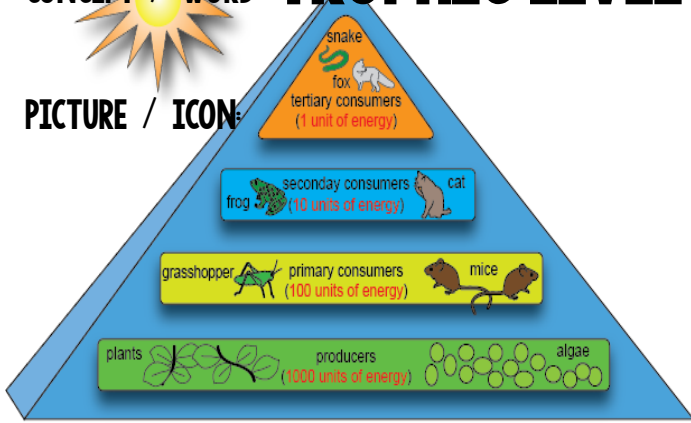


CONCEPT / WORD:

TROPHIC LEVEL

PICTURE / ICON:



DEFINITION, DESCRIPTION AND/OR EXPLANATION

In ecology, it is the position that an organism occupies in a food chain – what it eats, and what eats it.

CRITICAL ATTRIBUTES

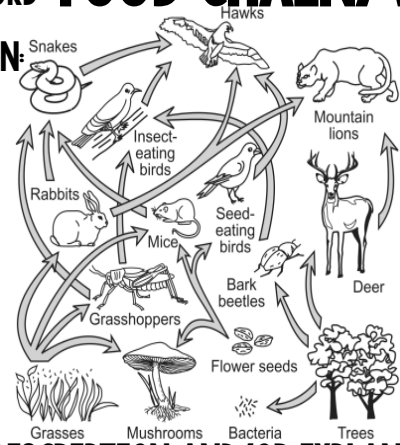
Typically shown as a pyramid and made up of producers at the first/bottom level, and consumers above it.

IS a classification system **AND IS NOT** a specific type of organism.

CONCEPT / WORD:

FOOD CHAIN/WEB

PICTURE / ICON:



DEFINITION, DESCRIPTION AND/OR EXPLANATION

The path energy takes through an ecosystem between organisms. It shows the paths energy takes as one organism is eaten by another.

CRITICAL ATTRIBUTES

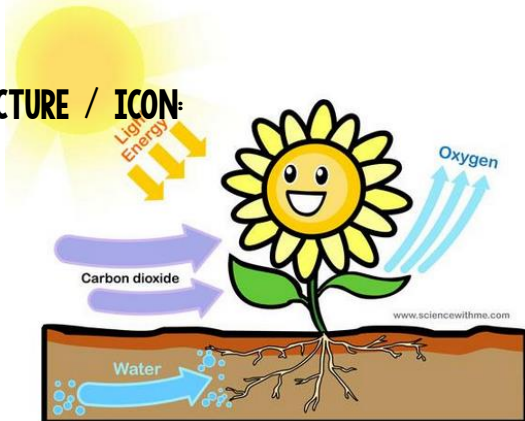
Arrows show WHERE the energy is going/which organism GETS the energy.

IS a visual representation of energy flowing between specific organisms **AND IS NOT** the same for every ecosystem.

CONCEPT / WORD:

AUTOTROPH

PICTURE / ICON:



DEFINITION, DESCRIPTION AND/OR EXPLANATION

In ecology, it is an organism that is capable of making its own food – typically through photosynthesis.

CRITICAL ATTRIBUTES

Does not consume any other organisms, typically a plant-like organism, not can do photosynthesis.

IS a producer **AND IS NOT** a consumer.

CONCEPT / WORD:

HETEROTROPH

PICTURE / ICON:



DEFINITION, DESCRIPTION AND/OR EXPLANATION

In ecology, it is an organism that cannot make its own food. It must consume other organisms to obtain energy.

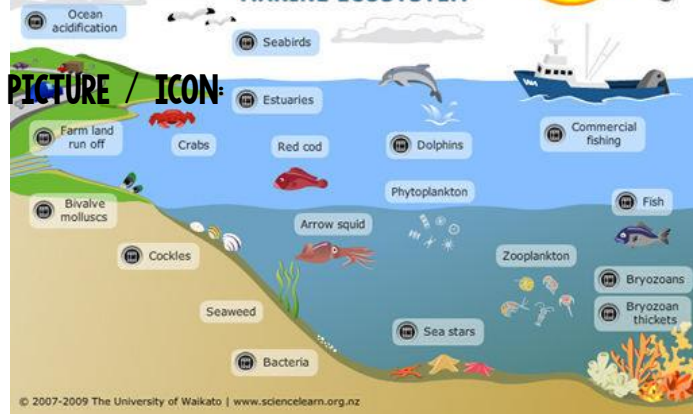
CRITICAL ATTRIBUTES

Must consume other organisms to get energy, typically animals and “consumers”.

IS a consumer **AND IS NOT** a producer.

CONCEPT / WORD: **MARINE**

MARINE ECOSYSTEM



DEFINITION, DESCRIPTION AND/OR EXPLANATION

A type of ecosystem that is found in the sea/ocean.

CRITICAL ATTRIBUTES

Salt water environments,

IS a salt water based ecosystem **AND IS NOT** a freshwater ecosystem.

CONCEPT / WORD: **TERRESTRIAL**

PICTURE / ICON:



DEFINITION, DESCRIPTION AND/OR EXPLANATION

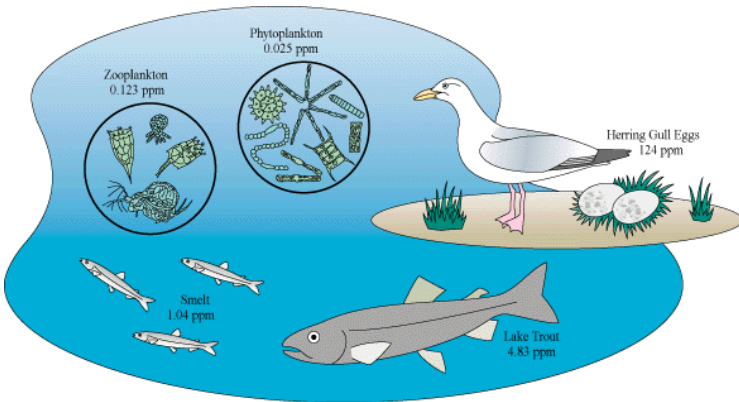
A type of ecosystem that is has to do with earth and land-based plants and animals.

CRITICAL ATTRIBUTES

Includes land-living organisms and habitats.

IS a land-based ecosystem **AND IS NOT** an aquatic or marine ecosystem.

CONCEPT / WORD: **AQUATIC**



DEFINITION, DESCRIPTION AND/OR EXPLANATION

An ecosystem found in a body of water. There are 2 types of this ecosystem marine and freshwater.

CRITICAL ATTRIBUTES

Is found in any body of water

IS a water-based (fresh OR salt/marine) ecosystem **AND IS NOT** a land-based ecosystem.

CONCEPT / WORD: **OMNIVORE**



DEFINITION, DESCRIPTION AND/OR EXPLANATION

An organism - animal or person - that eats food from both plants and animals.

CRITICAL ATTRIBUTES

Eats everything - cannot make its own food.

IS a consumer **AND IS NOT** a producer.

CONCEPT / WORD: **HERBIVORE**



DEFINITION, DESCRIPTION AND/OR EXPLANATION

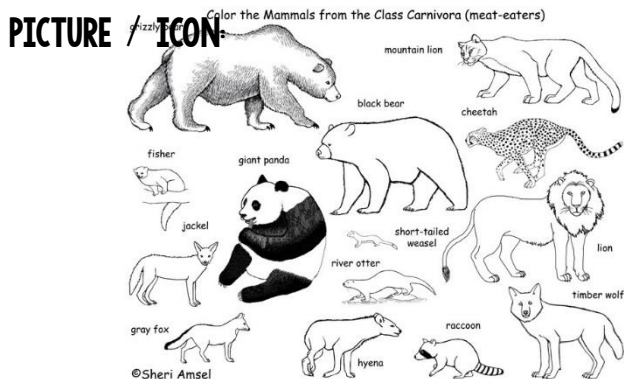
An organism that eats only plant based foods.

CRITICAL ATTRIBUTES

Eats plants, typically a primary consumer.

IS a primary consumer **AND IS NOT** a secondary or tertiary consumer or carnivore or omnivore.

CONCEPT / WORD: **CARNIVORE**



DEFINITION, DESCRIPTION AND/OR EXPLANATION

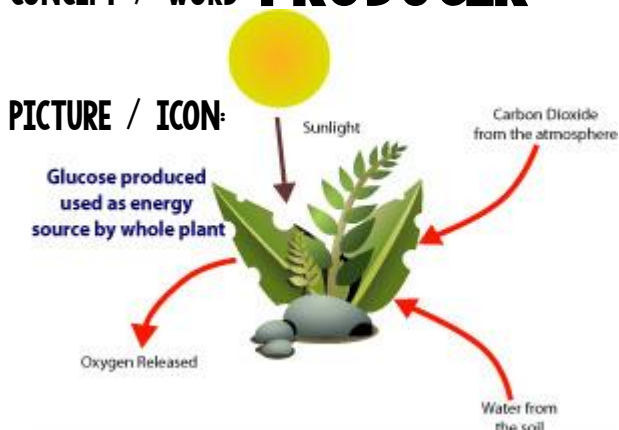
An organism that eats meats and flesh as its primary food source.

CRITICAL ATTRIBUTES

Eats meat (muscles) of other organisms.

IS a meat eating organism **AND IS NOT** an herbivore or an omnivore

CONCEPT / WORD: **PRODUCER**



DEFINITION, DESCRIPTION AND/OR EXPLANATION

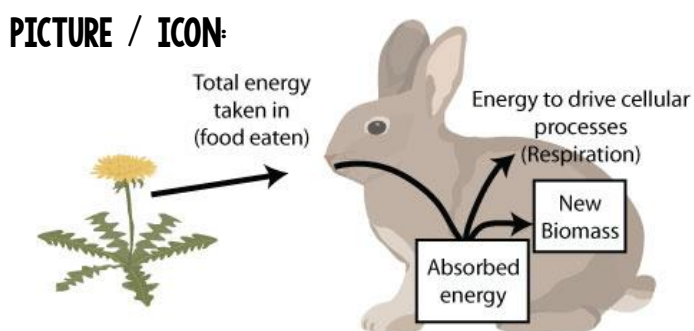
An organism that can produce its own food. Synonym for autotroph.

CRITICAL ATTRIBUTES

Can make its own food

IS an autotroph **AND IS NOT** a heterotroph

CONCEPT / WORD: **CONSUMER**



DEFINITION, DESCRIPTION AND/OR EXPLANATION

An organism that cannot make its own food. Synonym for heterotroph.

CRITICAL ATTRIBUTES

Cannot make its own food

IS a heterotroph **AND IS NOT** an autotroph.