

Food Chain

When a bigger animal eats a smaller one, this is an example of _____.

- A. food chain
- B. carnivores
- C. herbivores

Plants take in air, nutrients, water from soil; and energy from sunlight to produce their own food. Animals eat plants and these animals are sometimes eaten by other animals. Plants and animals die and rot returning nutrients back to the soil. This is _____.

- A. food chain
- B. energy cycle
- C. energy chain

The _____ consumes water and energy from the sun and produce their own food.

- A. producers
- B. consumers
- C. decomposers

Organisms that feed on primary consumers are called _____ consumers.

- A. secondary
- B. primary
- C. independent

Organisms which feed on secondary consumers are _____ consumers.

- A. tertiary
- B. secondary
- C. primary

_____ make their own food out of sunshine, air, water and nutrients from the soil.

- A. Plants
- B. Animals

_____ eat other living things.

- A. Animals
- B. Plants

Smaller animals are often eaten by ____ .

- A. bigger animals
- B. herbivores

Big animals die and are often eaten by ____.

- A. small animals
- B. plants

Animals die and rot and return nutrients to the soil which helps ____ grow.

- A. plants
- B. animals
- C. insects

The food chain starts with plants growing using sun light, air, water, and nutrients from the soil.

- A. true
- B. false

Plants are eaten by a deer, and a deer is eaten by a _____. This is an example of food chain.

- A. lion
- B. plant
- C. insect

Animals that are _____ in the food chain eat animals that are lower in the food chain.

- A. higher
- B. at the same level
- C. lower

Food chain is one creature feeding upon another.

- A. true
- B. false

Food chain is a cycle of life and death and life again.

- A. true
- B. false

An animal that hunts and catches other animals for food

- A. predator
- B. prey
- C. herbivore

Eats dead animals killed by other predators

- A. scavenger
- B. herbivore
- C. prey

Bacteria, mold, and worms are

- A. decomposers
- B. producers
- C. consumers

This shows how energy flows through an ecosystem

- A. food chain
- B. habitat
- C. producer

These are the producers

- A. plants
- B. animals
- C. soil

Humans, wolves, and cows are

- A. consumers
- B. producers
- C. decomposers

The animal that is hunted by a predator

- A. prey
- B. raptor
- C. decomposer

What is a food chain?

- A. A process that starts with ingredients and ends with cooked food
- B. A long chain made of food
- C. How animals depend on plants and animals for their food and survival

Which part of a food chain is affected by one animal becoming extinct?

- A. The whole food chain is affected
- B. Only animals at the top of the food chain are affected
- C. Only plants and animals at the bottom of the food chain are affected

Which is an example of a consumer eating another consumer?

- A. A rabbit eating grass
- B. A hedgehog eating a spider
- C. A squirrel eating nuts

A producer uses energy from the Sun to make food. Which of these is NOT a producer?

- A. An oak tree
- B. A stinging nettle
- C. A caterpillar

A consumer gets its food by eating other organisms. Which of these is NOT a consumer?

- A. A holly bush
- B. An earthworm
- C. A hedgehog

What do you always find at the start of a food chain or web?

- A. An insect
- B. A bird of prey
- C. A green plant

Why do food chains and food webs start with green plants?

- A. Because plants can absorb the Sun's energy to produce food
- B. Because most green plants are tasty
- C. Because most green plants eat other plants

What do you call an animal that hunts and eats other animals?

- A. Predator
- B. Prey
- C. Producer

A wood mouse eats leaves for food. A badger eats wood mice for food. Which animal is the prey in this food chain?

- A. Badger
- B. Wood mouse
- C. Neither animal

Which food chain correctly describes the flow of energy in an ecosystem?

- A. grass-->cow-->human
- B. caterpillar-->leaf-->human
- C. cow-->grass-->human
- D. leaf-->bird-->caterpillar

How do decomposers help other organisms in an ecosystem?

- A. They are food for consumers.
- B. Through photosynthesis they can make their own food.
- C. They return nutrients back to the soil.
- D. They eat plants.

In what order do a hawk, grass, and rabbit form a food chain in a meadow?

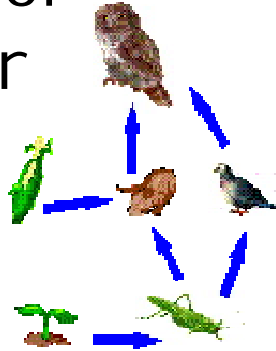
- A. hawk-->grass-->rabbit
- B. grass-->hawk-->rabbit
- C. rabbit-->grass-->hawk
- D. grass-->rabbit-->hawk

Which of the following lists only consumers?

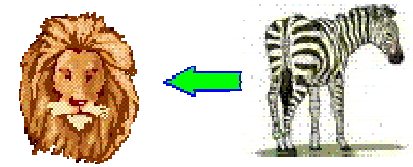
- A. hawks, lizards, chipmunks
- B. acorns, squirrels, rabbits
- C. grass, chipmunks, eagles
- D. mice, squirrels, grass

In this diagram, the owl is ____.

- A. a predator, but not the top predator
- B. the top predator
- C. both predator and prey
- D. prey



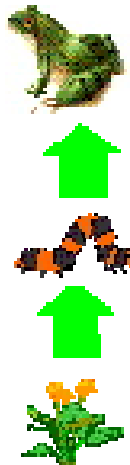
What does this diagram represent?



- A. The zebra is eaten by the lion.
- B. The lion is eaten by the zebra.
- C. The lion and zebra will try to eat each other.
- D. Both the lion and the zebra are herbivores.

Which of the organisms in this diagram is a carnivore?

- A. frog
- B. caterpillar
- C. plant
- D. none of them
- E. all of them



This diagram represents a ____.

- A. food chain
- B. food web
- C. food pyramid
- D. food cycle

