

- Are plants always at the bottom of the food chain?

Yes because they're producers.

- You learned that plants are considered producers in a food chain and animals are considered consumers. What is the difference between these roles?

Producers get energy from the sun, while consumers get energy from producers and other consumers

- How do plants or producers make their own food?

By using photosynthesis.

- What is photosynthesis?

The process of using the sun to produce energy.

- How do plants grow? How do animals grow?

Plants - use the sun's energy to grow & be nutritious

Animals - They get older and grow stronger

- What is the source of energy for plants?

The sun

- What are the sources of energy and thus growth for animals?

Producers and other consumers.

- Food chains almost always start with producers?

- What is a food chain?

A representation of a series of events in which food energy & matter are transferred from one organism

- What is the importance of a food chain?

to show who eats who

& how energy is distributed

- Observe the following food chain:

plant plankton → crawdads → little fish → big fish → bears

- a. What would happen if the bears were extinct?

The big fish population would increase and all the animals before would decrease.

- b. What would happen if all the shrimp were removed from the lake?

The little fish, big fish and bears population would decrease and the plant plankton would increase.

- If you take one item out of a food chain, how does this affect all other plants or animals in a food chain?

All the other animals food supplies would decrease making their own population decrease; or there is too much of a population.

- What is a food web?

A diagram that consists of many overlapping food chains.

- What four major elements compose a food web?

Producer, primary consumer, secondary consumer, tertiary consumer, and decomposer.

- Can humans cause an imbalance in the food chain?

Yes because human interrupt the natural balance of the environment.

- Are people herbivores, carnivores, or omnivores?

Humans are omnivores, but vegetarians are herbivores.

- What is important about decomposers, such as bacteria and fungi?

They're important because they consume the dead remains of the dead animals.

- What would happen if the sun didn't exist?

Everything would slowly die.