

Chapter 12 – Interactions Among Living Things

- The chapter twelve terms are defined for you. You need to either give an example or tell what the term “IS” or “IS NOT”.

Producer	Organism that makes its own food.
Consumer:	Organism that obtains food by eating other organisms.
Herbivore:	Consumer that only eats plants.
Carnivore:	Consumer that only eats animals.
Omnivore:	Consumer that eats both plants and animals.
Scavenger:	Animal that only eats dead organisms.
Decomposer:	Organism that breaks down the wastes or remains of other organisms.
Food Chain:	Way of showing how the energy from food moves through populations of organisms in a community.
Food Web:	Way of showing how food chains are related.
Energy Pyramid:	Way of showing how energy moves through a food chain.
Competition:	Struggle among organisms for resources in an ecosystem.
Predation:	Relationship in which an organism kills and eats another organism.
Predator:	Organism that kills and eats another organism.
Prey:	Organism that is killed and eaten by another organism.
Symbiosis:	Relationship between different species living in close association with one another.
Mutualism:	Relationship between two different kinds of organisms that benefit both of them.
Commensalism:	Relationship between two different kinds of organisms in which one benefits and the other is unaffected.
Parasitism:	Relationship between two different kinds of organisms in which one organism lives on or in another organism and causes it harm.
Host:	Organism a Parasite feeds on.
Adaptation:	Trait that helps an organism survive in its environment.

Chapter 12 – Interactions Among Living Things

Water Cycle:	Repeated movement of water between Earth's surface and the atmosphere.
Transpiration:	Process by which plants lose water through the stomata in their leaves.
Condensation:	Changing of a gas to a liquid.
Precipitation:	Water that falls to earth from the atmosphere.
Carbon Cycle:	Repeated movement of carbon between Earth's atmosphere and organisms.
Fossil Fuel:	Nonrenewable energy source formed from the remains of plants and animals that lived and died long ago.
Deforestation:	Excessive cutting of forests.
Nitrogen Fixation:	Process of combining nitrogen with other elements to make usable compounds.
Nitrogen Cycle:	Repeated movement of nitrogen compounds between the atmosphere , the soil, and living organisms.
Endangered Species:	Species of living organisms in danger of becoming extinct.

Chapter 12 – Interactions Among Living Things

- Each section title is in the form of a question. To better understand what will be learned in each section there is a need to answer these questions.

12-1 What are producers and consumers? _____

12-2 What are food chains and food webs? _____

12-3 What are energy pyramids? _____

12-4 How do living things interact? _____

12-5 What are symbiotic relationships? _____

12-6 What are adaptations? _____

12-7 What is the water cycle? _____

12-8 What is the carbon cycle? _____

12-9 What is the nitrogen cycle? _____

12-10 What is balance in an ecosystem? _____
