
Ecologist: _____

Date: ____ - ____ - ____ HR: _____

Unit 5: Ecosystems Vocabulary List

ecosystem	population	community	producer	consumer	decomposer
biotic	abiotic	competition	parasitism	symbiosis	predator
prey	mutualism	commensalism	biodiversity	food web	food chain
ecologist	individual	energy pyramid	carbon cycle		

1.	a community and its physical environment together
2.	an organism that obtains energy for growth and development from breaking down remains of dead plants or animals
3.	all the individuals of the same kind of species living in the same environment
4.	an organism that obtains energy for growth and development from other animals or plants
5.	all the populations of organisms living together in an environment
6.	living components of an ecosystem
7.	an organism that obtains energy for growth and development from the sun (PLANTS)
8.	an animal that eats other animals
9.	both organisms benefit from relationship
10.	non-living components of an ecosystem
11.	the struggle between two organisms for the same resources within an environment; resources are required for survival / reproduction (examples include food, water, shelter, light, territory, and mates)

12.	One organism benefits from the relationship and the other organism is not helped OR harmed.
13.	One organism benefits from relationship and the other is harmed
14.	the variety of living things in a given space; might be a small stream, extensive dessert, all the forests in the world, the oceans, or the entire planet
15.	describes close, long-lasting interactions between two different species
16.	an animal being hunted, caught, and eaten by another animal
17.	a person that studies living things
18.	a single organism in an environment
19.	a diagram made up of many food chains showing which animals eat other animals; shows the transfer of energy
20.	a diagram that shows the flow of energy through an ecosystem; arrows represent the flow of energy
21.	a triangular diagram that shows the amount of energy available to be passed from one level to the next
22.	the process in which carbon atoms continually travel from the atmosphere to the Earth and then back into the atmosphere

