

Kindergarten	Grade One	Grade Two	Grade Three	Grade Four	Grade Five	Grade Six	Grade Seven	Grade Eight
I can label, list, and tell about parts of a tree and members of an animal family.	___ I can name the four needs of a living thing.	___ I can identify that when painted lady larvae have food made from nature, they change into a butterfly.	___ I can recognize that in social and natural systems that consist of many parts, the parts usually influence one another.	___ I can identify and investigate environmental issues and potential solutions.		___ I can identify ways that people use water.		___ I can find the needs that must be met by an organism's surroundings.
___ I can tell that we need air, water, and plants to live.	___ I can give an example of an animal that did not survive because one of the four needs of a living thing were missing and explain what need was met.	___ I can give an example of how organisms depend on each other for survival.	___ I can understand social and natural systems may not function as well if parts are missing, damaged, mismatched, or misconnected.	___ I can recognize the impact of scientific and technological activities on the natural world.		___ I can discuss some possible sources of water for the future.		___ I can find biotic and abiotic parts of a habitat.
___ I can tell ways to take care of the world.		___ I can observe and describe predator and prey relationships.				___ I can identify factors that affect water quality.		___ I can tell about the levels of organization within an ecosystem
		___ I can compare and contrast plant eaters and meat eaters.				___ I can explain why drinking water is often treated before people drink it.		___ I can tell about methods for determining the size of a population.
						___ I can describe what happens to wastewater in most communities.		___ I can explain the causes of changes in a population.
						___ I can explain one way that sources of pollution are classified.		___ I can find factors that limit population growth.
						___ I can identify three sources of water pollution.		___ I can explain how an organism's adaptations help it to survive.
						___ I can describe the tow parts of the solution to water pollution.		___ I can tell about the major kinds of interactions among organisms in an ecosystem.
						___ I can describe some ways to conserve available fresh water.		___ I can tell about three types of symbiotic relationships.
						___ I can explain what a drought is.		___ I can tell about the differences between primary and secondary succession.
						___ I can state what a flood is and explain how the dangers of floods can be reduced.		___ I can name and tell about the energy roles that organisms play in an ecosystem.
								___ I can explain how energy moves through an ecosystem.

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								___ I can tell about how much energy is available at each level of an energy pyramid.
								___ I can name and tell about the process involved in the water cycle.
								___ I can explain how carbon and oxygen are recycled in an ecosystem.
								___ I can define and tell about the nitrogen cycle.
								___ I can explain how the movement of the continents has affected the distribution of species.
								___ I can name three ways that organism dispersal occurs.
								___ I can name and tell about factors that can limit the dispersal of a species.
								___ I can name the six major biomes found on Earth.
								___ I can name and tell about the factors that determine the type of biome found in an area.
								___ I can name and tell about the two major types of aquatic ecosystems.
								___ I can tell about how organisms are adapted to each of the aquatic habitats.
								___ I can tell about the general categories of environmental issues.
								___ I can tell about how decisions makers balance opposing needs and concerns.

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								___ I can tell about how forests can be managed as renewable resources.
								___ I can explain the value of biodiversity.
								___ I can find factors that affect biodiversity.
								___ I can name some human activities that threaten biodiversity.
								___ I can list some ways to protect biodiversity.
								___ I can find reasons why medical researchers want to protect biodiversity.
								___ I can explain why many rainforest plants are sources of medicines.
								___ I can tell about how people use land.
								___ I can tell about the structure of fertile soil.
								___ I can find problems that occur when soil is not properly managed.
								___ I can name three methods of solid waste disposal.
								___ I can find ways people can help control the solid waste problem.
								___ I can explain how hazardous wastes can be safely disposed of.
								___ I can explain why fresh water is a limited resource.
								___ I can tell about the major sources of water pollution.

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								___ I can tell about how water pollution can be reduced.
								___ I can tell about the causes of smog and acid rain.
								___ I can tell about the causes of indoor air pollution.
								___ I can explain the key to reducing air pollution.
								___ I can tell about how human activities have damaged the ozone layer.
								___ I can pick out ways that human activities may be linked to global climate changes.
								___ I can explain how fuels provide energy.
								___ I can name three major fossil fuels.
								___ I can explain why fossil fuels are considered nonrenewable resources.
								___ I can explain the forms of energy provided by the sun.
								___ I can tell about various renewable sources of energy.
								___ I can tell about what happens during a nuclear fission reaction.
								___ I can explain how a nuclear power plant produces electricity.
								___ I can tell about what takes place in a nuclear fusion reaction.
								___ I can name ways to ensure that there will be enough energy for the future.

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								____ I can show ways individuals can conserve energy.