Name: _____ Hour_____

6th Grade Life Science: Ecosystems – Unit 1
Unit Self Assessment

Unit: Life Science - Ecosystems

Essential Questions:

- ☐ What are the biotic and abiotic factors in an ecosystem?
- ☐ How are organisms classified based on their source of energy?
- ☐ How can changes in one population affect other populations in a food web?
- ☐ What are the symbiotic relationships between populations in an ecosystem?

Rate your mastery of the learning target after each task.
1 = I don't get it yet.
2 = I think I got it.
3 = I got this!

Learning Target	Beginning	Middle	End
I can identify and describe biotic and abiotic factors. This means that if I am given a list of items, I would know if they are biotic or abiotic.			
I can identify and describe examples of a population, a community and an ecosystem. This means I understand how many species is/are in a population, community, and ecosystem (one, several) and if it is made up of biotic and/or abiotic things.			
I can classify an organism based on their source of energy. This means I know if an animal is a producer, decomposer or a consumer. If it is a consumer, I know if it is an herbivore, carnivore or omnivore.			
I can identify and describe symbiotic relationships between populations. This means I know if the relationship between two animals is commensalism, mutualism, parasitism or competition.			
I can explain how organisms obtain their energy. This means that I understand where plants, animals, and organisms get their energy from (the sun, plants, animals, etc)			
I can use a food web to predict changes in populations of the predator or prey. This means when I look at a food web, I can predict what would happen to predator or the prey.			
I can do this reading a piece of text			
I can do this reading a table			
I can do this reading a graph			
I can predict the impact of population changes on an entire ecosystem. This means when I look at a food web, I can predict (with explanation) what would happen to other populations in an ecosystem if one population increased or decreased.			

Vocabulary to Master

☐ Ecology	☐ Bacteria	☐ Mutualism
☐ Abiotic	☐ Fungus	☐ Parasitism
☐ Biotic	☐ Decomposer	☐ Commensalism
☐ Organism	☐ Predators	☐ Competition
☐ Population	☐ Prey	☐ Symbiosis
☐ Community	☐ Herbivore	☐ Food Chain
☐ Ecosystem	☐ Carnivore	☐ Food Web
☐ Producer	☐ Omnivore	
☐ Consumer	☐ Symbiotic Relationship	

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