Ecosystems Webquest-Grade 7 Science-Mrs. Weimer

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_ Period: \_\_\_\_\_

Stop #1 – Go to <http://regentsprep.org/regents/biology/units/ecology/biotic.cfm> and answer the following questions:

1. What are abiotic factors? Give 3 examples
2. What are limiting factors? Give an example.
3. What are biotic factors? Give 3 examples
4. What is meant by carrying capacity?

Stop #2 – Watch the Brain Pop on ecosystems at <http://www.brainpop.com/science/ecologyandbehavior/ecosystems/> The password is **thomasvillecity\_3** and the password is **brainpop**. Then complete the following:

Define the following terms:

1. Community
2. Ecosystem
3. Habitat
4. Population
5. How are ecosystems categorized?
6. Provide at least one example of the following that were given in the above Brain Pop.

Ecosystem\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Community\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Population\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Habitat\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Write the letter C, E, H or P (representing Community, Ecosystem, Habitat or Population) that best represents the following:



Stop #3 - Watch the Brain Pop on Tropical Rainforests at [http://www.brainpop.com/science/earthsystem/tropicalrainforests/](http://www.brainpop.com/science/earthsystem/tropicalrainforests/%20)

1. How do the coffee and chocolate industries affect the rainforest ecosystem? Why?

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Stop #4- Watch the video “Deep Ocean Mysteries”

<http://ed.ted.com/lessons/deep-ocean-mysteries-and-wonders>

13B. Describe 2 things that were new and interesting to you.

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Stop #5 – Go to <http://kids.nceas.ucsb.edu/biomes/index.html> and answer the following questions.

1. What is a biome?
2. Pick 3 aquatic and 3 terrestrial biomes and give a short description of each including climate, plants and animals.

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| Biome | Temperature | Precipitation | Plants | Animals | Location |
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