Ecosystems Webquest

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

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

1. What are abiotic factors? Give some examples
2. What are limiting factors? Give an example.
3. What are biotic factors? Give some 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 - Go to <http://www.geography4kids.com/files/land_population.html> and answer the following questions:

1. What is a population?
2. List two things that *increase* a population
3. List two things that *decrease* a population:

Stop #4 – 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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