

Name: _____ Date: _____ Block: _____

Researching an Ecosystem

For the Ecosystem project, you will be working to research a specific ecosystem on Earth. Use the website www.earthecosystems.weebly.com to get all the requirements for the Researching an Ecosystem Project. Use this form to take notes and record research for your project. It will be turned in at the end of the project as part of the grade.

1. My Ecosystem is:
2. Where in the world is my Biome located?
3. What is the geography (land features) of the biome?
4. What is the climate (temperature, rainfall, wind, etc) of the biome?
5. List any special adaptations of the vegetation.
6. List any physical and behavioral adaptations of animals in the biome.

Biotic Factors

5 producers that live in my biome:

- 1.
- 2.
- 3.
- 4.
- 5.

At least 5 primary consumers that eat my producers:

- 1.
- 2.
- 3.
- 4.
- 5.

Approximately 3-5 secondary consumers that eat my primary consumers:

- 1.
- 2.
- 3.
- 4.
- 5.

2 or 3 Tertiary consumers that eat my secondary consumers:

- 1.
- 2.
- 3.

1 Decomposer:

- 1.

Abiotic Factors

1. How much surface water does my ecosystem have? How much precipitation will my ecosystem get on average? How does that affect the ecosystem?
2. Is the sunlight my ecosystem gets throughout the year the same all the time, or does it change? How does that affect my ecosystem?
3. What is the yearly temperature range for your ecosystem? What affect does that have on the populations living there?
4. What kind of soil is found in your ecosystem? What affect does it have on the ecosystem?

Limiting Factors

1. What are the limiting factors that harm or keep animals and producers from growing and thriving?
2. What human factors affect this ecosystem? How have humans changed this ecosystem? Was the change negative, and should we try to reverse these effects

Food Web

Use the space below to make a rough draft of what you want your food web to look like. Please ask Mr. Bowers if you have any questions.