Food Web Project

Due Tuesday September 15th

Goal: Create a food web based on a chosen ecosystem, with at least 3 food chains that interlock.

Helpful Websites:

Grassland Biome <http://www.ducksters.com/science/ecosystems/grasslands_biome.php>

Desert Biome <http://www.ducksters.com/science/ecosystems/desert_biome.php>

Marine Biome <http://www.ducksters.com/science/ecosystems/marine_biome.php>

Forest Biome <http://www.ducksters.com/science/ecosystems/marine_biome.php>

Food chains and Food Web: <https://www.ducksters.com/science/ecosystems/food_chain_and_web.php>

Requirements:

* 3 food chains that interlock to create a food web
* At least 1 labeled decomposer
* Labeled consumers
* Labeled producers
* Use arrows to show the direction of energy from one item to the next. Some items may have more than one arrow coming to it or leaving from it.
* Detailed descriptions of each item. State the name of the item. Include if this item is an omnivore, herbivore, or carnivore. This would also be a great place to include if your item is a decomposer, consumer, or producer. Is it living or non-living?
* Works Cited page (or any pictures and information you use)

Below are some suggested ways to present.

* Google Slideshow, Poster, Googledoc, Mobile, Diorama, Brochure, or other ideas approved by Mrs. Kenney

**Food Web Project Rubric**

|  | **5 Points** | **4 Points** | **3 Points** | **2 Points** | **0 Points** |
| --- | --- | --- | --- | --- | --- |
| Food Web | The student includes 3 food chains that create an interlocking food web. This food web includes producers, consumers, and decomposers. | The student created 3 food chains but they do not interlock to create a food web. It is apparent the student did not understand the difference between a food web and food chain | The student only used two apparent food chains to create a food web. | The student has two food chains but they do not form a food web. | The student only has one food chain. |
| Ecosystem to Biome Accuracy | The student created an ecosystem in the proper biome. All of the animals belong in that biome and could be found in that ecosystem. | The student created an ecosystem that is mostly correct for the biome. There is 1 animal that does not belong. | The student has 2 animals that do not belong in that particular ecosystem. | The student has 3-4 animals that do not belong in that particular ecosystem. | The student has more than 4 animals that do not belong in that particular ecosystem. |
| Visuals | There are at least 9 visuals in the project that help express core content. | The student used 9 visuals but they do not help enhance the project. | The student used 5 visuals. | The student only used 2 visuals. | There are no visuals. |
| Descriptions | Each animal has a description with it, that tells what the animal eats and labels it as a producer, consumer, or decomposer. | The animals have a description but there is some information missing. | Some animals have descriptions but not all. | The descriptions are very vague and do not explain vocabulary words. The descriptions are more like labels. | The student does not label or describe at all. |
| Fact Accuracy | All facts are accurate and the student cites his or her sources. | All facts are accurate. OR The student cites his or her sources. | There is one inaccuracy and the student cites his or her sources. | There are 3-4 facts that are mistaken. | There are more than 4 inaccurate facts. |
| Spelling and Grammar | There are no spelling or grammar mistakes. | There is only 1 spelling or grammar mistake. | There are 2-4 spelling or grammar mistakes | There are 4-5 spelling or grammar mistakes. | There are more than 5 spelling mistakes. |

Total: \_\_\_\_30\_\_ /30