**Food Web Poster Project**

**Learner Outcome:**

The student will be able to construct a paper food web model to demonstrate the transfer of energy between producers, consumers, and decomposers in an ecosystem (MS-LS2-3).

**Directions:**

1. Select one of the following ecosystems/biomes and create a food web for the organisms in that ecosystem.
2. Use illustrations/printed pictures and color to create a nice poster.
3. The “food web practice” link on my web site will be helpful in completing the project ([www.sciencebjhs.weebly.com](http://www.sciencebjhs.weebly.com)). It will also be helpful to research the different organisms to learn about their appearance and energy needs.
4. Answer the questions on the next sheet and glue the sheet to the back of your poster.
5. Make sure to title the poster with the food web of your choice.

**Choice 1:** Grassland Food Web

* Producers: Acacia and Grasses
* Herbivores: Giraffe, Impala, Zebra
* Carnivores: Lion, Cheetah, Leopard
* Scavenger: Vulture
* Decomposer: Bacteria and Fungi

**Choice 2:** Antarctic Food Web

* Producer: Phytoplankton
* Herbivore: Zooplankton
* Carnivores: Krill (eat Zooplankton), Emperor Penguin, Crab-Eater Seal, Ice Fish

**Choice 3:** Marine Food Web

* Producers: Algae and Diatoms
* Herbivores: Shrimp and Water Fleas
* Carnivores: Blenny Fish (small fish), Snapper (bigger fish), Dolphins, Octopus

**Questions:**

1. Name any producers in your food web.
2. Name any first level consumers in your food web.
3. Name any 2nd level consumers in your food web.
4. Name any 3rd or 4th level consumers in your food web.

**Food Web Rubric**

Accuracy of Food Web 1 2 3 4 5

Pictures/Color 1 2 3 4 5

Neatness/Effort 1 2 3

Questions 1 2 3 4

Total /17