

Food Web Project

This project will be used to show your **mastery of the content in Chapter 1**. You will be creating a food web using **poster board** and **pictures** or **drawings** of all the organisms that make up a food web. This assignment also includes a writing element.

Your project will have **10 total specimens**. All of your specimens must be found in the same ecosystem. Example: An ocean ecosystem may include seaweed, barnacles, coral, octopus, shark, whale, etc. Pick an ecosystem that you find interesting. Some possibilities are: forest, jungle/rain forest, desert, ocean, mountain, pond, etc. **You must label your poster as to what specific type of ecosystem you are showing**. You will lose points if it is not labeled.

Specimens - 100 points

Your **10 specimens** are to be divided up in the following manner:

Energy Source:

The sun must be located somewhere on your poster. This does NOT count as one of your 10 specimens.

Producers:

4 must be included.

Consumers:

5 must be included.

Decomposers:

1 must be included.

Identification - 50 points

Identification of your specimens must be accurate. Each specimen must be correctly identified with its specific name. For example, not a fox, a Red Fox.

Labels - 50 points

Each specimen must be accurately labeled as to its role within your food web. (producer, consumer, decomposer). Use correct vocabulary. Print very neatly or type on a word processor. Print, cut, and glue. Remember, **neatness counts!**

Links – Energy Transfer - 50 points

You will connect all your specimens with lines showing the transfer of energy. Arrows must point the correct direction and be biologically accurate in terms of **predator-prey** and **producer/consumer** relationships. Use a ruler to achieve neat, straight lines (you may have curved lines if you are neat about it).

Presentation - 50 points

Your food web **must** be done on **white** poster board, unless your specific ecosystem demands a certain color (light blue for ocean, light brown for desert). The presentation portion of your grade will be based on neatness, effort, arrangement of specimens, and creativity.

Writing Element - 100 points

On the front of your poster you must include a 2 paragraph description of your food web and the ecosystem it exists in. Your writing may not hang off the edge of the poster.