# Ecology Webquest

## Part I: Ecosystems

http://www.vtaide.com/png/foodchains.htm

1.  Take the words below and provide an example and description of each word in relation to ecology and the environment.

| Word | Example | Description |
|---|---|---|
| **Producer** | | |
| **Consumer** | | |
| **Carnivore** | | |
| **Herbivore** | | |
| **Secondary Consumer** | | |
| **Tertiary Consumer** | | |
| **Decomposers** | | |

## II. FOOD WEBS

(1) Go to http://www.harcourtschool.com/activity/food/food_menu.html and choose one of the three food webs. Put the food web together!

| |
|---|
| Consumers – are living things that need producers to be their food (animals and people) |
| Producers – living things which take the non living matter from the environment (plants) |
| Decomposers – living things which feed off of dead plants and animals (bacteria, fungi) |

(2) Using the information in the table above answer the following questions about your food chain:

Name a consumer in your food web _____

Name a producer in your food web _____

Name a decomposer in your food web _____

## III. POPULATION

Go to http://www.geography4kids.com/files/land_population.html and answer the following questions:

1.  What is **population**?

    _____

    _____

2.  Two things that increase a population

    a.  _____

    b.  _____

3.  Two things that decrease a population:

    a.  _____

    b.  _____

## **Part IV: Biomes Around the World**

    (1)      Go to http://mbgnet.mobot.org/ and answer the following questions.

    (2)      What are the 6 Biomes of the World?    _____, _____,

    _____, _____, _____, _____

    (3)      What are the 3 Freshwater Ecosystems and the 3 Marine Ecosystems?

        a.    Freshwater =

        b.    Marine =

    (4)      Click on one of the six biomes. Choose one topic from the left column.

### **Choose one biome and give three interesting facts about that biome.**

    1.   _____

       _____

    2.   _____

       _____

    3.   _____

       _____

Most of the earth is covered by the _____ biome.  The most diverse

biomass is found in which two biomes_____? Which biome

supports the least amount of life _____?