

## Ecology Web Quest

### **Part I: Ecosystems**

You will go to the following websites and answer the questions that go along with that website.

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

1. In the following chart you will take the words and provide an example and description of each word.

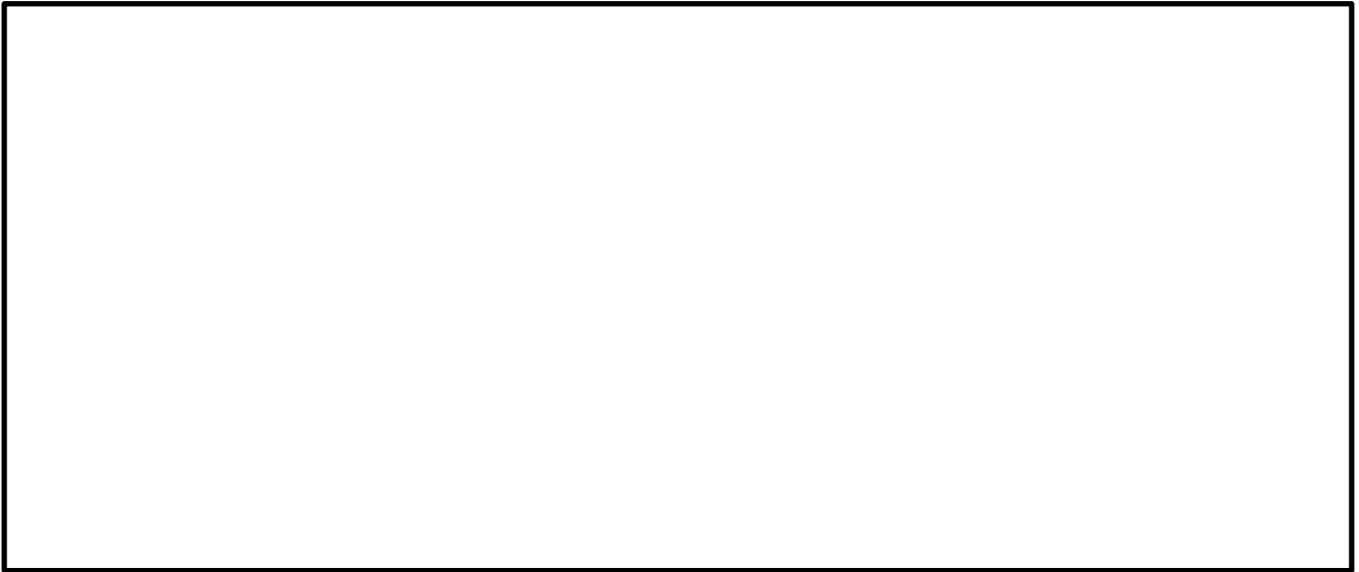
<b>Word</b>	<b>Example</b>	<b>Description</b>
Producer		
Consumer		
Carnivore		
Herbivore		
Secondary Consumer		
Tertiary Consumer		
Decomposers		

### **Part II. FOOD WEBS**

- (1) Go to [http://www.harcourtschool.com/activity/food/food\\_menu.html](http://www.harcourtschool.com/activity/food/food_menu.html) to complete all three food webs. Diagram each of the food webs below.

#### **Meadow Food Web**

### Arctic Food Web



### Pond Food Web



**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:

	<b>Consumers</b>	<b>Producers</b>	<b>Decomposers</b>
<b>Meadow Food Web</b>			
<b>Arctic Food Web</b>			
<b>Pond Food Web</b>			



	<b>Fact #1</b>	<b>Fact #2</b>
<b>Deforestation</b>		
<b>Extinction of Species</b>		
<b>Pollution</b>		
<b>Human Soil Erosion</b>		
<b>Greenhouse Effect</b>		

**Part VI: 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?

<b>Freshwater Ecosystems</b>	<b>Marine Ecosystems</b>

(4) Click on one of the six biomes and fill in the following table (continued on next page).

<b>Biome</b>	<b>Location</b>	<b>Plants</b>	<b>Animals</b>

Biome	Location	Plants	Animals

(5) Click on one of the six biomes and give 3 interesting facts for each.

Biome	Fact #1	Fact #2	Fact #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 \_\_\_\_\_?

Try this game and save the trees <http://www.seussville.com/games/lorax/>