

Name _____ Date _____ Per _____

Ecology Webquest

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.

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
3. Two things that decrease a population:

Part IV: Impact of Human Activity on Ecosystems

Choose and read about one of many impacts that humans have on ecosystems from the list below:

Impact of Human Activity on Ecosystems	
<input type="checkbox"/>	<u>Human Soil Erosion</u>
<input type="checkbox"/>	<u>Pollution</u>
<input type="checkbox"/>	<u>Greenhouse Effect</u>

List two facts you learned about the impact you chose: Human Soil Erosion

- 1.
- 2.

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?
 - 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 _____ . The most diverse biomass is found in the _____ .

Which biome supports the least amount of life?