Name

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.

|  |  |  |
| --- | --- | --- |
| **Word** | **Example** | **Description** |
| 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>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) |

1. Using the information in the table above answer the following questions about your food chain:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Consumers** | **Producers** | **Decomposers** |
| **Meadow Food Web** |  |  |  |
| **Arctic Food Web** |  |  |  |
| **Pond Food Web** |  |  |  |

# Part 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.

1. Two things that decrease a population: a.

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?

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| --- | --- | --- |
|  |  |  |
|  |  |  |

1. What are the 3 Freshwater Ecosystems and the 3 Marine Ecosystems?

|  |  |
| --- | --- |
| **Freshwater Ecosystems** | **Marine Ecosystems** |
|  |  |
|  |  |
|  |  |

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

|  |  |  |  |
| --- | --- | --- | --- |
| **Biome** | **Location** | **Plants** | **Animals** |
|  |  |  |  |
|  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Biome** | **Location** | **Plants** | **Animals** |
|  |  |  |  |
|  |  |  |  |
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|  |  |  |  |

1. 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/