

Biome Project



You will research one of the Earth's biomes. All research will be done with your group (feel free to share information or help one another); however, you will complete the culminating activity on your own. Below, you will find the requirements for each biome.

1

Here are a few essential questions you should be able to answer about your biome (in other words, please complete the questions below):

1. Where on Earth is it located?
2. What is the climate like there? How much rainfall does it get per year?
3. What are some of the animals that are found there? How have they adapted to the climate and landscape?

Additional Requirements for Each Biome

2

Taiga--

Because of the climate in this biome, only one type of tree can grow here. What kind of tree is that? What makes it able to grow here? Write a five sentence paragraph that answers these questions.

Culminating activity--Make a list of items that you would need if you were going on a camping trip to the TAIGA biome. Include types of clothing, food, shelter, protection from animals, and any other items that you think would help you survive in this biome.

3

Rainforest--

Rainforests are often referred to as "the lungs of the planet". Why? What are humans doing to change this? Write a five sentence paragraph that answers these questions.

Culminating Activity--There are a lot of amazing facts about rainforests. Create a page of at least 10 math word problems based on these facts. An example: A rainforest receives about 30 feet of rain per year, how many inches is that? How many inches per week would that be? About how many per day?

4

Desert--

There are two different kinds of deserts. What are they? What do they have in common? How are they different? Write a five sentence paragraph comparing and contrasting the two.

Culminating Activity--Create a parody song to the tune of "The Twelve Days of Christmas" that demonstrates your knowledge of the plant and animal life of the desert. In your song, you might explain how the riches of the desert kept you alive.

5

Tundra--

What is permafrost? How does it affect the type of vegetation that grows on the tundra? Write a five sentence response to this prompt.

Culminating Activity--Take one of your favorite sports and adapt it to be played on the tundra. Consider all the details, from animals to temperature to ground conditions. Invent all the accessories to go along with your new tundra sport.

6

Oceans-- The ocean can be divided from its surface to its depth into three zones based on the amount of light received. Write a five sentence paragraph that describes these three zones.

Culminating Activity-- Draw a diagram that shows how the ocean refreshes itself. Include appropriate explanations, etc.



All groups are required to list the names of at least six different animals (predator and prey) and two to three plants on index cards. After each group has done this, please give the cards to your teacher.