Biome Project

Below is all the information you need to include in your Biome project. You will have until feb 15 at Midnight to turn in this assignment. This assignment is worth 100 points.

Choose one Biome to research. For the Freshwater and Marine Biomes, you may only select one area.

Polar Region

Tundra

Taiga

Temperate Forest

Temperate Grasslands

Savanna

Desert

Tropical Rainforest

Marine (Pacific Ocean, Atlantic Ocean or Indian Ocean

Freshwater (Lakes and Ponds, Rivers , Wetlands)

Coral Reef

Once you have picked your Biome, you need to find the following information on your biome. Please make sure all the information is in complete sentences. If the information is not in complete sentences, you will lose points. Conduct your research through Google and copy and paste the addresses of all websites you use below the table.

5 points for each section

| **Biome Name:** | Tropical Rainforest |
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| **What is your Biome like? ( Climate, average temperature, average rain amount, seasons if it has any)** | **Tropical rainforests are rainforests that occur in areas of tropical rainforest climate in which there is no dry season. All months have an average precipitation of at least 60 inches of rain and may also be referred to as lowland equatorial evergreen rainforest.** |
| **Any adaptations creatures need to survive in your biome** | **Some animals in the rainforest have adapted to a limited diet so they don't face competition for food.** |
| **Examples of Producers in your biome:** | **Important producers of the tropical rainforest include bromeliads, fungi, lianas, and canopy trees. Bromeliads survive on air and water alone.** |
| **Examples of Primary Consumers in your Biome** | **The primary consumers in the rainforest are often herbivores, such as monkeys, snakes and capybaras. Here are a few primary consumers in the tropical rainforest, Sloths, Lemurs, Grasshoppers and Hummingbird.** |
| **Examples of Secondary Consumers in your Biome:** | Secondary **consumers, a group that often includes carnivores like ocelots, tapirs and birds of prey, are found in this biome.** |
| **Examples of Tertiary Consumers in your Biome:** | **Tertiary Consumers are also considered carnivores since they eat animals as well. Some examples of tertiary consumers in the rainforest include jaguars, river otters, dolphins, and piranhas.** |
| **Examples of Decomposers in your Biome:** | **Decomposers, such as termites, slugs, scorpions, worms, and fungi, thrive on the forest floor. Organic matter falls from trees and plants, and these organisms break down the decaying material into nutrients.** |
| **Example of Mutualism in your Biome:** | In the rainforest t**here are many examples of mutualism. Monarch butterflies travel in large groups to stay safe. Certain insects such as ants and termites rely on each other and work as a team to build mounds where the group will live, or hunt together to find food.** |
| **Example of Commensalism in your Biome:** | **Commensalism in the tropical rainforest can be as a tree frog taking shelter under a leaf or seeds falling from plants into the fur or feathers of animals to spread themselves around the forest.** |
| **Example of Parasitism in your Biome:** | **Three classes of worms we would expect to find in the rainforest are flatworms, nematodes /roundworms and annelids /segmented worms and leeches. Some of these are notoriously parasitic such as those which live their lives in an animal's intestinal tract.** |
| **Recreate a food web found in your Biome:** | Please place a food web here |

Copy and paste the web addresses of all resources below. These must be included in your presentation to receive full credit.

10 points

| <https://www.bioexplorer.net/tropical-rainforest-animal-adaptations.html/>  <https://www.nationalgeographic.org/encyclopedia/rain-forest/#:~:text=Tropical%20Rain%20Forest,a%20high%20amount%20of%20rainfall.&text=The%20largest%20rainforests%20on%20Earth,Australia%20support%20dense%20rainforest%20habitats>.  <https://study.com/learn/lesson/tropical-rainforest-animals-plants.html#:~:text=There%20are%20millions%20of%20species,including%20the%20rubber%20tree>. |
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Once you have collected all your information for your Biome and put the information in complete sentences, you will need to make a slideshow about your Biome. Each topic needs to be a slide in your slide show. Below are the requirements you have to include in each slide:

30 points total

Each slide have a different background

Each slide have pictures

Each slide have transitions (information slides in, rotates, etc.)

Additionally, you will need to find a video on your biome from youtube and attach the link to your slide show

Extra Credit

Create a slide telling me if you would want to live in your biome

Create a slide telling me which countries you would find your biome

Please attach the link to your google slides right here: