Group Project: Understanding Biomes and Their Effects on the Species Within

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_ Core: \_\_\_\_\_\_ **DUE**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Group Members: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Directions:** *For this project, you will be able to choose your own group members. Please choose wisely. You will be researching and presenting on the following information. Each person will be assigned a part of the research that they are responsible for finding AND presenting. Your grade for this project will be based on the research sheet/notes that YOU turn in (****MINOR****) and on the group presentation (****MAJOR****).*

What Biome are you researching? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. The Producer: This person is responsible for: finding out general information (“fun facts”) about your group’s Biome, where it is located, and trying to collect as many resources as possible for your group.
   1. Examples: Where are these biomes typically found? What do they look like?
2. The Herbivore: This person is responsible for: finding information specifically about the abiotic factors of this biome, and collecting/organizing pictures for the group poster.
   1. Examples: annual rainfall, length of the growing season, average daily or monthly temperature, temperature extremes, and seasonal changes
3. The Carnivore: This person is responsible for: finding information specifically about the consumers of this biome, and editing the writing for the poster.
   1. Examples: key organisms of the biome
4. The Top Predator: This person is responsible for: finding information about “extreme plants,” and making the draft for the organization of the poster.
   1. Examples: How do these plants survive? What makes them unique? Where are they found? How have they adapted for your specific biome?

*\*\*All students will also be required to compare the factors of their biome that they are responsible for to the biome in which they live. For example, the Carnivore would compare the living organisms of the biome they are researching to the living things found in the biome they live in.*

Rubric:

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| **Minor:** *Individual Research* | **Major:** *Group Presentation* |
| 1. \_\_\_\_\_/50 points: Full page of notes with references 2. \_\_\_\_\_/20 points: At least two pictures for your area 3. \_\_\_\_\_/30 points: Participated in group by providing your information, pictures, and fulfilling your required group duties described above | 1. \_\_\_\_/40 points: All students participated in the presentation and were easy to understand 2. \_\_\_\_/10 points: The presentation was between 3-5 minutes 3. \_\_\_\_/40 points: All of the components (herbivore, carnivore, etc.) were well explained during the presentation 4. \_\_\_\_/5 points: Poster was neat, colored, and had no spelling/grammatical errors 5. \_\_\_\_/5 points: Comparison of Biomes included |

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