

*****This is not a “binder” assignment. It will be turned in separately*****

BIOME VACATION DESTINATION HONORS PROJECT

You are a travel agent selling vacation packages to tourists around the world. Choose a specific location you would like to promote as a unique travel experience. Create a visual representation promoting the vacation destination and its Biome (Tundra, Taiga, Temperate Deciduous Forest, Temperate Grassland, Desert, Rainforest, Savannah, Alpine, Chaparral, Freshwater, Freshwater Wetlands, Marine, Coral Reef, Estuaries). You will also complete the written assessment.

DUE DATE : APR. 24TH (A DAY), APR. 25TH (B DAY)

ASSIGNMENT REQUIREMENTS :

Visual Representation:

- a. You must research one of these biomes: Tundra, Taiga, Temperate Deciduous Forest, Temperate Grassland, Desert, Rainforest, Savannah, Alpine, Chaparral, Freshwater, Freshwater Wetlands, Marine, Coral Reef, Estuaries.
- b. Choose a specific location (city, country, etc) in that biome that you would like to travel to.
- c. Identify and describe traits of the biome. Use as much information as possible, including:
 - * Geographic location
 - * Weather & climate
 - * Flora (plants) and Fauna (animals)
 - * Food web
 - * Predator/prey relationships
 - * Ecological issues or concerns
 - * Human impacts
 - * Landforms, bodies of water
- d. Create one of the following visual representations:
 - Poster (must have at least 12 pictures)
 - Brochure (must have at least 12 pictures)
 - Newspaper informational article (must have at least 12 pictures)
 - 3D Model (3D models must be non-perishable)

(If your visual representation is digital, you must print your visual representation in color and turn it into your teacher on the due date.

Questions? Email your teacher

Mrs. Scholes (anisa.scholes@washk12.org) Mrs. Heath (Nicole.heath@washk12.org) Mrs. White (joy.white@washk12.org)

Written Assignment: You must also complete this written assessment.

BIOME VACATION DESTINATION WRITTEN ASSESSMENT

Biome: Which biome did you research? _____/1pt

Specific Location: What specific location in your biome would you like to travel to? Where in the world is it located? _____/1pt

Weather & Climate: Describe the weather and climate of your biome (temperature, precipitation, etc.) Describe the seasons and the best time of year to visit. 3 or more sentences. _____/2pts

Flora: Describe the plants in your biome. Are there any plants that are only found in your biome? Describe at least 3 specific plants. _____/3pts

Fauna: Describe the animals in your biome. Are there any animals that are only found in your biome? Describe at least 3 specific animals. _____/3pts

Food Web: Include a food web of your biome. Food web must include at least 8 organisms. On this written assessment, your food web can just be the names of the organisms. The visual representation will need a picture of your food web. _____/2pts

Symbiotic Relationships: Describe two of the following symbiotic relationships that exist in your biome: Predator/Prey, Mutualism, Parasitism, Commensalism, Competition. _____/2pts

Ecological issues or concerns: Describe a non-human threat to your biome. 3 or more sentences. _____/2pts

Human impacts: Describe how humans are affecting your biome. 3 or more sentences. _____/2pts

Landforms, bodies of water: Describe landforms (mountains, deserts, etc.) and bodies of water in your biome. What is unique about them? How do they interact with the living parts of your biome? _____/2pts

Written Assessment total _____/20pts

Visual Representation:

Please **circle** the format that you used: (poster, brochure, newspaper, 3D model)

- Biome title is clearly visible _____/1pt
- Specific Location title is clearly visible _____/1pt
- Data or Graph showing rainfall for the past year _____/2pts
- 3 colored pictures of plants _____/3pts
- 3 colored pictures of animals _____/3pts
- Colored Food Web Picture with at least 8 organisms _____/3pts
- 1 colored picture and title of each type of symbiotic relationship that you chose (2 pictures total) _____/2pts

- 1 colored picture of ecological issue _____/1pt
- 1 colored picture of human impact _____/1pt
- 1 colored picture of landform or body of water _____/1pt
- Easy to follow _____/2pts

Visual Presentation Total _____/20pts

Written Assessment Total _____/20pts

TOTAL SCORE

Grand Total _____/40pts

Honors Credit **YES/NO**

***In order to receive Honors Credit for 8th grade science for Quarter 4, students must achieve "Mastery" on this project of 80%. A mastery score on this project is 32/40 or higher. Students must achieve mastery by turning the project in on or before the due date and achieve the mastery score on the first attempt. The score for this project does not go on the student's grade. Achieving mastery on this project will give the student "8th Grade Honors Science" credit on their transcript.