

Name: _____

Land Biomes Project

Today's Date: _____

DUE DATE: Tuesday January 31 (Periods 1 & 2)

Wednesday February 1 (Period 3)

Biome: _____

Group Members: _____

As a committed conservationist, you are concerned about the state of your biome. To ensure the survival of your biome you need to acquire money and state support for your conservation projects. Since your biome is the best place in the world and it needs to be protected your committee has decided to submit a proposal to National Geographic with the goal to host the TV show "*Ultimate Survival Alaska*" in your biome. If the TV show is produced in your biome, your ecological conservation program will receive financial benefits.

Task

Your objective is to convince the producers of "*Ultimate Survival Alaska*" that your biome should be chosen for the show. Your task will consist of several parts. You and your committee are assigned the following responsibilities:

1. Produce a flyer/presentation describing your biome (e.g. average temperature, precipitation)
2. Individually produce a flyer on an organism in your biome and its adaptations
3. Design a course challenge that would be hosted on the show

Guidelines set by the producers of "*Ultimate Survival Alaska*" are as follows:

- There will be 4-5 committee members
- The flyer/presentation will contain the following information
 - Name of the biome
 - Alaska distribution of the biome (through the use of a map)
 - Location within the biome you want "*Ultimate Survival Alaska*" to be filmed (i.e. city, island, etc.)
 - Climate of the biome (i.e. average temperature and precipitation)
 - Typical flora (plants)
 - Typical fauna (animals)
 - Ecological concerns, current and future conservation efforts
 - Visuals (pictures and diagrams) to enhance the appeal of the flyer
 - Bibliography of where the information came from
- Each committee member will choose either one plant OR one animal that lives in their biome and make a separate flyer/presentation that describes the organism and its adaptations. Pictures/visuals are required.
- As a committee design a challenge specific to your biome to be completed

Presentation

- Each committee has approximately 10-15 minutes to make their presentation (description of biome, individual organism and adaptations, course challenge)
- All members must speak

Evaluation

- All committees, when not making presentations, are acting members of the “*Ultimate Survival Alaska*” production team and are responsible for completing the summary sheet on the biomes and the organisms and adaptation summary.

- Grading (Project)

- Research info sheet (individual) 10 points
- Organism flyer/presentation (individual) 25 points
- Biome flyer/presentation (group) 25 points
- Course Challenge (group) 20 points
- Complete bibliography (group) 10 points
- Complete summary sheet (individual) 10 points

100 points total

- Grading (presentation)

- Group (biome, course challenge) 50 points
- Individual (organism and adaptations) 50 points

100 points

Presentations will be conducted on Tuesday January 31 for Periods 1 & 2 and Wednesday February 1 for Period 3. You will have time to set up your computer, get set up to the projector and then you will have 10-15 minutes to present.

This project is assessing two standards:

- Students will describe Alaska’s biomes
- Researches, writes up, and presents orally a short research project investigating natural resources in Alaska