

Name: _____

Date: _____

Period: _____

Biomes Project

Purpose

The Biomes Project is an opportunity for you to do your own research on a particular biome. Your group will be assigned a specific biome. You will work in teams to research critical issues of your biome from different points of view. After your research, you will **create a project** to teach your classmates about the critical issues surrounding your biome.

Background Information

Every biome of the world is a truly magical place. Its structure is complex, consisting of many levels, each with its characteristic plants and animals. Each organism has its own niche in the biome.

What is the importance of understanding the interdependent roles of plants, animals, the physical landscape and the influence of humans on the biomes of the world? How can you come to understand how the balance of each biome affects our global ecosystem? Can you think critically about global issues? Think about the following questions: *What would happen if something were to change the landscape of a particular biome? What if the temperature were to raise or lower significantly? What if a developer wants to build on the land? What if an animal becomes extinct? What if a plant were destroyed, or if the rainfall greatly increases or decreases?*

Some terms you should become familiar with before you start are:

- Climate _____
- Biome _____
- Biodiversity _____
- Ecology _____

Procedure

Each member of your group will research a particular area of your biome. Areas include: Animal, plant, physical landscape, climate and weather, and human influences

Biome Group Assignments:

BIOME	GROUP MEMBERS
Tundra	Krystal, Flor, Vanessa
Taiga	Reghan, Logan, Sydney
Temperate Deciduous Forests	Emma, Dalton, Diana
Temperate Grasslands	Dylan, Ty, Aurora
Deserts	Paulina, Hunter, Wyatt
Savannas	Maihlan, Sonia
Tropical Rain Forests	Jaz, Yailin

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PART 1: ASSIGN DUTIES

DESCRIPTION OF DUTY	GROUP MEMBER
Animals (7 examples MINIMUM)	
Plants (7 examples (MINMUM))	
Physical Landscape (Soil) (Describe its limitations or benefits)	
Climate & Weather (Temperature, rainfall, seasons)	
Human Influences (positive or negative? How have humans changed your biome over the years?)	
Interesting Facts	Whole Group

PART 2: RESEARCH

We will spend several days gathering research about our biomes. Each group member is responsible for duty they were assigned to, however, group collaboration on all duties is highly encouraged. Please answer the prompts above at a MNIMUM to receive full credit.

BLUE PRINTS

