**Biome PBL Project: Design a Biome-based Zoo**

Each group must name their zoo and design a logo for it.

Each group must have an introductory display for visitors explaining what a biome is, explaining why you designed a biome-based zoo, and giving an overview of the 8 biomes featured in class.

Each group must represent 4 (or 5) different biomes, one per group member.

Each biome must have at least 3 different animals found in that biome, and at least 4 different types of plants found in the biome. Choose plants and animals that normally interact within the biome.

Each biome must have an informational display for visitors to learn about the biome. Include in the display:

* the climate and distinguishing features of the biome
* a map showing where in the world the biome is found
* at least 10 pictures to represent the biome and the experiences of the inhabitants
* biotic and abiotic factors specific to the biome, and how they affect the ecosystem
* an overview of producers, consumers, and decomposers found in the biome, and classification of the featured plants and animals from your display
* a food web of at least 10 common organisms from the biome (with explanation)
* the importance of biodiversity in the biome
* a description of how the biome has changed over time due to natural catastrophes and changing physical conditions NOT caused by human activities
* how human activities are affecting the biome
* a description of what it is like for humans living in the biome

Each group must create a single product with all of the components. You may choose from Keynote, PowerPoint, or a video format. Make your presentation feel like a virtual tour, not a classroom project. Submit names of all group members at the end of the presentation only, when credits would appear.