

Ecosystem Project Directions and Rubric

Create a commercial (radio, video, or a live presentation) for your Wildlife Preserve. Make sure to include elements that would persuade the forest rangers to choose your wildlife preserve plan. You also need to have some sort of visual - be creative! This visual might be a 3-D model, poster, graph, diagram or slideshow that shows your ecosystem and the plants and animals that would live there. Your presentation will need to be approximately one minute in length and must include the project requirements as shown below.

- Where is your ecosystem located? Give the geographical location (geosphere) and describe the climate (hydrosphere and atmosphere)
- What are some producers (in the biosphere) that live in your ecosystem? (include at least 3 specific plants)
- What are the consumers (in the biosphere) that live in your ecosystem? (include a variety of animals - herbivores, omnivores, carnivores, and decomposers) and explain how they are an important part of your preserve
- Show and explain a food web model that demonstrates the flow of energy and matter in your ecosystem

Commercial

Included geographical location of the biome including appropriate features that support the requirements for life (air, light, water)	/5
Included specific and accurate information about a variety of organisms	/10
Included persuasive elements opposed to pure information	/5
The commercial was presented at the appropriate volume and rate and was approximately one minute.	/5
Total	/25

Visual

Took into account a balanced ecosystem when deciding on the populations of organisms.	/5
Visual model shows an understanding of the matter and energy cycle.	/10
Your representation shows your understanding of the interdependent relationships between organisms in the ecosystem to create a healthy and self-sustaining ecosystem.	/5
Your representation is neat, colorful, and shows your best work.	/5
Total	/25