**AP Biology Ecosystem Project**

Create a Presentation to educate the class about a specific ecosystem. This can be in any form you would like. (Poster, Prezi, book, interpretative dance, musical, movie, pamphlet, whatever.) You will present this to our class at the end of our unit. As always, ources should be cited in MLA or APA format.

**Your presentation should include the following information:**

* Describe 5 Food Chains in food web in a visual format
	+ Identify any important producers and consumers (keystone species)
* 2 Predator Prey Relationships
	+ Identify any relevant adaptations that resulted from these interactions
* 2 Examples of symbiosis
	+ Identify specific type (parasitism, mutualism, commensalism)
* Description of Ecosystem including:
* Average Rainfall (if terrestrial) and temperature
	+ Please note any important fluctuations or seasonal changes in conditions
* Biome identified
* Picture/drawing of ecosystem
* Latitude
* Map of location(s)
* Choose 1 species to highlight and discuss the following:
* Describe density and dispersion of the species
* Reproductive strategy (K or R)
* Description of niche
* Describe mating structure/behavior
* Density-dependent limiting factors
* Discuss Relevance to Humans
* Economic/scientific importance of ecosystem
* Threats to environment

Suggested Ecosystems:

African Rift Lakes (Tanganyika, Victoria, or Malawi)

 Deep sea hydrothermal vents

 New Zealand temperate forests

 Amazon river ecosystem

 Mongolian Steppe

 Daintree Rainforest

 Everglades

 Lake Baikal

 Cave ecosystem

 Madagascar Rainforest

 Galapagos Islands

 Komodo Island

 Mangrove forest

 Cloud forest

 Great Barrier Reef

 Atacama desert

Kelp Forest

*You may come up with your own with approval, but please make sure it is unique.*