

Name: _____

Ecosystem/Biome Diorama

Ok Scientists, I have found a mission for you! You are to research an ecosystem or Biome and create a representation that biome using a shoebox diorama. You will also need to have a research paper explaining your diorama and the information you found about your ecosystem or biome. The requirements are as follows:

Diorama:

- You must include *at least* four (4) biotic factors
 - two (2) animals
 - two (2) plants

- You must include the habitat of *at least* one of your animals, this means if one of your animals is a bird, include its nest in a tree
- You must include the predator-prey relationship for one of the animals. This means that if your animal is a predator, include its food; if its prey, include its predator(s)
- You must include *at least* two (2) abiotic factors (essential non-living things)
- You must accurately represent the given ecosystem. Use various objects and materials to make your diorama creative.

Research Paper

- You must include a description of the two animals you have chosen, include why you chose them, their habitat, and the predator/prey relationship of each animal (what they eat or what eats them)
- You must include a description of the ecosystem/biome, where it is located, the physical features, climate, other animals that may live there along with any other interesting information you find

Your paper should be ***no more than*** two (2) pages typed. If you hand write it then no more than 3 pages. Please use various resources such as internet, trade books or encyclopedias and list your sources. The scoring rubric is included on the back of this page. Take your time and be creative. This will count for 2 project grades (diorama and research paper) so do a good job!

Due Date: May 23th 2019

Chosen Ecosystem _____

Parent Signature: _____

Science Ecosystem/Biome Project

Diorama (shoebox)

Possible points

- 40 4 Biotic factors (2 plants, 2 animals)
- 10 Habitat of 1 animal
- 10 Predator/Prey relationship of 1 animal
- 20 2 Abiotic factors
- 10 Neatness and creativity
- 10 Name on the back of the box

100 total points

Research Paper

- 20 Location on earth
- 20 Climate in ecosystem
- 50 Description of 2 animals
(why chosen, predator/prey relationships and habitats)
- 10 Other interesting facts

Project is Due May 23th 2019

No projects will be due after 5/23/19