

Biome Project

There are three options to choose from in this project. All options are **worth 30 points**. Each option has a little different requirement. **Sign up for a Biome from the list provided** to prevent everyone from doing the exact same biome. Due Monday March 1st.

Poster Option:

Create a hand drawn visual that illustrates all of the following concepts found in ecosystems. You may use stickers or printouts pictures of animals as long as they are realistic and proportional to the picture. See examples on the wall. Include the following requirements.

- A. 3 Abiotic Factors
- B. 1 symbiotic relationships (commensalism, mutualism, parasitism)
- C. 5 different producers
- D. 6 consumers
- E. 1 scavenger
- F. 2 decomposers
- G. 1 food web
- H. 1 water cycle
- I. 1 carbon/oxygen cycle
- J. USE COLOR
- K. LABEL all concepts on your visual

Brochure option:

Choose either an informative newsletter (front and back of page), or 3-fold brochure or pamphlet. You should include the following:

1. The name, location and defining characteristics of the biome you are describing
2. 4 abiotic factors that characterize the biome (with pictures)
3. At least 7 different plants (with pictures) in the biome
4. At least 10 different animals (with pictures) in the biome – You must also include 2 decomposers and one scavenger IN ADDITION to the other animals
5. Describe a food WEB that occurs within the biome
6. Explain the water cycle and carbon cycle and describe how they affect the biome, a diagram can be helpful but must also be explained.
7. Describe two examples of DIFFERENT symbiotic relationships that occur within the biome
8. Cite at least 3 sources used to collect information
9. Neat, creative, colorful presentation (print off in color)

PowerPoint Option:

Requirements are the same as the brochure options. You will need to present your PowerPoint to the class. Be sure to use pictures, colorful backgrounds and writing, slide transitions, etc.