

Biome Project

Choose and research your biome; find a specific Ecoregion that is representative of your biome.

Example: Your biome is desert, specific **ecoregion** would be the **Sahara Desert**.

You will need:

Project:

Cover page: Title, your name, be creative, 5 pts.

Bibliography: you must use the correct format, 3 different resources minimum, 5 pts.

Report:

- 2 pages minimum (C) 3 pages (B), 4 pages (A), double spaced, size 14 of a normal font, not bold
- Introduction (overview of your biome)
- Body (several paragraphs)
- Conclusion (restate the overview in different words than your intro and include any interesting facts you learned.

Outline: An outline is required BEFORE you begin the report. Include the outline with you final draft, 5 pts.

Rough Draft: Required - must be proofread by an adult other than Mr. Davies, **MUST BE SIGNED** by the proofreader.

Information to be covered in the report:

- 5 flora indigenous to your biome, with their corresponding scientific names (20 pts)
- 5 fauna indigenous to your biome, with corresponding scientific name. (20 pts)
- a map of the world with your biome clearly identified. Discuss biomes that neighbor yours (ecotones), include ecoregion name. (5)
- Overall climate: temperature, winter/summer, precipitation, etc. (5)
- Adaptations of flora and fauna within your biome (5)
- Interdependence of flora and fauna (food chain, web) (5)
- Unique species of plants and animals - endangered, threatened, rare.... at least one plant and one animal, may not be one of the original five. (5)
- **A unique relationship between at least 2 organisms** within the biome, such as a symbiotic or parasitic relationship. (5)
- Points from cover page, page minimum, bibliography, outline, and rough draft (30 pts)

TOTAL REPORT POINTS = 100 pts.

3D Representation/Diorama: The representation should convey the essence of your biome to the audience. Be creative and have fun! Up to 50 pts.

- Basic Representation - 35 pts.

Example: Poster with pictures of flora and fauna of your biome, ordinary, little or no embellishment, minimum effort

- as previous with noticeable effort and additions - 40/45 pts.

Example: Poster with the above and more, medium and honest effort is shown on the 3D model.

- definite effort with apparent sweat and tears added - 50 pts.

Example: 3D diorama that mimics their biome, definite representation of their biome.

Up to an additional 10 points may be earned for such things as:

- more than 1 representation
- more than the stated requirements in the report
- obvious blood, sweat and tears lost during this project, above and beyond the call of duty.

Total Project Points = 150 pts.

