

Biome Project



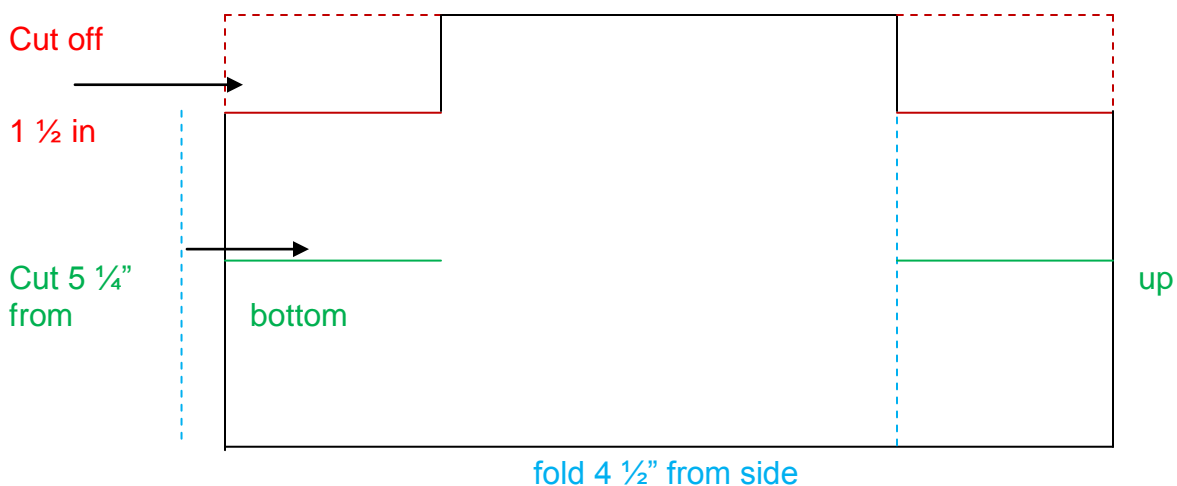
We are researching and creating brochures about biomes in class. You will need to bring in photos and information that you can use to make yours colorful and informative. Here are some tips:

- If you type your biome name into Goggle followed by the word “biome” or “ecosystem” (ex. Temperate rainforest biome) you should find resources to use.

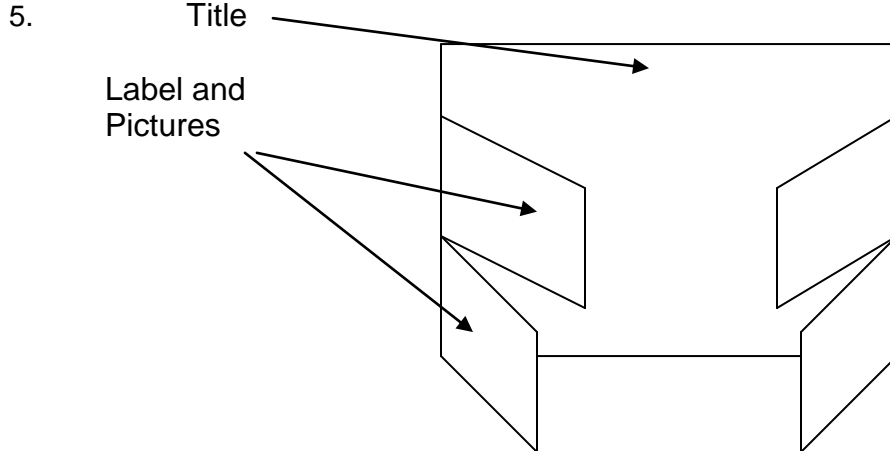
Biome Project Instructions

The goal of the biome project is for you to show your teacher that you know what a biome is and understand what biotic and abiotic components define a particular biome.

1. Choose a piece of construction paper (12” high x 18” wide) any color you like. This will be your biome brochure. Using a ruler, measure 4 ½” from each side (left & right) and make a pencil mark. Fold the right and left sides of the paper towards the center to make a sort of book with flaps that open in the center.
2. Cut the top 1 ½” off both side flaps.
3. Measure 5 ¼” up from the bottom of each flap and make a pencil mark on each flap. This should be the vertical center of each flap. Cut each flap horizontally along the 5 ¼” mark from the paper’s edge to the fold. You should now have a brochure with four small doors, two doors on each flap.



4. For a title, write the name of the biome you chose to research along the top of your brochure. Put your name and your classroom teacher's name on the front of the brochure.



6. Label the front of the upper-left door "Animals" and add a picture representing an animal from your biome. On the backside of the door (on the flap) list half a dozen animals from your biome and label them as either a herbivore, a carnivore, an omnivore, a scavenger, or a decomposer. Below your list, on the same flap, list 4 ways animals have adapted to this biome. (See next diagram)
7. Label the front of the upper-right door "Plants" and add a picture representing a plant from your biome. On the backside of the door (on the flap) list half a dozen plants from your biome. Below your list, on the same flap, list 4 ways plants have adapted to this biome.
8. Label the front of the lower-left door "Climate" and add a picture representing the climate of your biome. On the backside of the door (on the flap) describe the climate of your biome. Include average yearly high and low temperatures in Celsius, average yearly precipitation in centimeters and say whether your biome is considered hot or cold and wet or dry. If your biome is an ocean biome label the door "Water" and include high and low water temperature, amount of sunlight (a lot, little, or none), and currents if known.
9. Label the front of the lower-right door "Soil" and add a picture representing the soil of your biome. On the backside of the door (on the flap) describe the soil of your biome. For example, is your soil nutrient poor or rich and explain why. Is it fertile, rocky, frozen, thin, etc. Always explain why it is the way it is. If your biome is an open water biome with no soil label the door "Minerals" and include information on salinity and types of minerals found in the water.
10. On the inside of your brochure make a landscape picture of your biome.
11. On the inside of your brochure, below the landscape picture, put in a world map and color in the portion of the world where your biome is located.
12. On the inside of your brochure, next to the world map, list the websites and/or books you used for research. Label this list "Bibliography". Use at least three (3) resources.

13. On the back create a food chain representing your biome. Include the energy source (probably the Sun), a producer, a first level consumer (an herbivore), a second level consumer (a carnivore), a scavenger, and a decomposer. You may NOT print out a food chain from the Internet. You must create your own. Individual pictures may be downloaded.
14. On the back list three (3) ways in which your biome is being threatened by human activities.
15. On the back list three (3) things people can do to minimize the damage being done to your biome.
16. All pictures may be copied from the Internet, hand drawn or cut out of construction paper or magazines. Be creative (pop-ups, etc. are rewarded) and have fun. Different colored papers are recommended to enhance the quality of your brochure.

Front of Brochure

Biome Title Include Your Name & Class	
Animal Label & Picture	Plant Label & Picture
Climate Label & Picture	Soil Label & Picture

Inside of Brochure

<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 5px;"> Biome Title </div>			
<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 5px;"> Animal Info </div>	<div style="border: 1px solid black; width: 90%; margin: 0 auto; padding: 5px;"> Biome Picture Show how this biome looks </div>		<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 5px;"> Plant Info </div>
<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 5px;"> Climate Info </div>	<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 5px;"> World Map </div>	<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 5px;"> Bibliography </div>	<div style="border: 1px solid black; width: 80%; margin: 0 auto; padding: 5px;"> Soil Info </div>

Back of Brochure

Biome Food Chain	
List 3 ways people are harming this biome	List 3 things people can do to help save this biome