

Lesson 10.1

Biomes

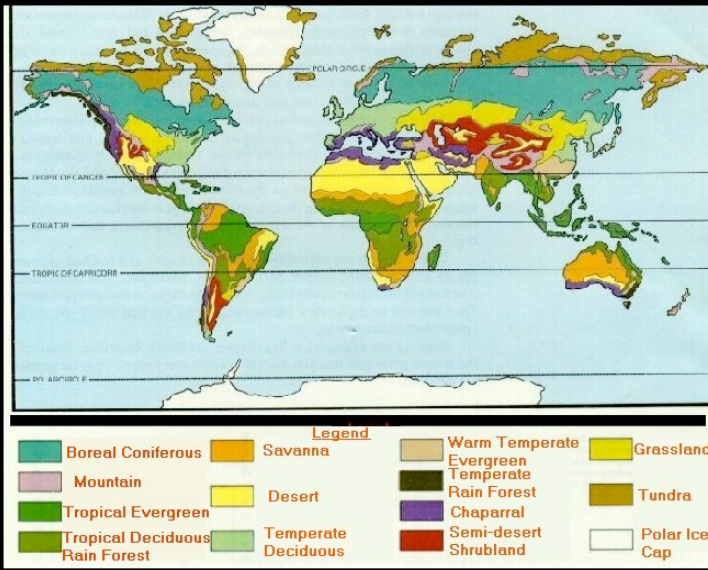
Name

Date

Period



Engage



- 1) Why don't bananas grow in Alaska?
- 2) Why don't blueberries grow in Hawaii?
- 3) Explain what you think the significance of climate is to environments and ecosystems?
- 4) What biome do you live in?

Explore

Perhaps you figured out that bananas are unique to a hot and wet tropical ecosystem, whereas blueberries are unique to a cooler, less wet ecosystem. Thus, bananas grow well in Central America and Indonesia, where there are tropical rainforests, and blueberries grow well in Northeastern United States, in temperate deciduous forests.

Earth's diverse living organisms inhabit a wide range of ecosystems. The type of ecosystem depends mostly on the amount of annual precipitation and the average annual temperature. Biologists refer to each of the major ecosystems by the name of their climax community and these are called biomes.

Fill in the chart based on the information found in your reading.

There are 10 terrestrial biomes and 2 aquatic (Miller pg 110-121).

The class will have a discussion to help fill in the specific plants and animals found in each biome.



Explain Answer the following questions after filling in our Biome Worksheet

- 5) Define biome.
- 6) Using your own words, give three examples of how plants and animals within a given biome are suited to that biome (make sure to list the biome you are discussing).
 - 1-
 - 2-
 - 3-
- 7) List in order, from greatest to least amount of rainfall: tropical rain forest, tropical grassland, temperature woodland, and tundra.
- 8) Which of the following biomes has the coldest annual temperature?
 - a) boreal forest
 - b) grasslands
 - c) tundra
 - d) temperate deciduous forest
- 9) Which biome would you find deciduous trees and primates
 - a) tundra
 - b) tropical dry forest
 - c) tropical rain forest
 - d) boreal forest
- 10) Which biome would you find large grazing herbivores?
 - a) temperate woodland
 - b) desert
 - c) temperate grassland
 - d) tundra