

7th Grade Science Book E Environmental Science

Chapter Three: The Earth's Ecosystems

Section One: Land Biomes (pg 50-57)

For each word listed below, write the word on a piece of notebook paper, underline or highlight the word and then write the definition after the word. (Students are encouraged to take the definition from the actual text because that is the definition that will be used on quizzes and tests).

abiotic factors climate biotic factors biome
deciduous tree conifers savanna deserts
tundra permafrost

Answer each of the following questions on a piece of notebook paper, in a complete sentence, restating the question in your answer. Failure to follow these rules will result in the student having to rewrite the assignment to earn their points.

1. How many major biomes are on the Earth? Name them.
2. What determines the type of forest biome that develops?
3. What is the yearly average rainfall for a deciduous forest? What is the temperature range?
4. What is the yearly average rainfall for a coniferous forest? What is the temperature range?
5. What are the functions of the thick waxy coating on conifer leaves?
6. Why is Washington nicknamed the Evergreen State?
7. What is the yearly average rainfall for a tropical rain forest? What is the temperature range?
8. What makes a tropical rain forest different from any other place on Earth?
9. What other names might a grassland have?
10. What are four adaptations that desert plants have for survival?
11. How are polar tundra and alpine tundra different?
12. Tundra receives very little rainfall. Could tundra accurately be called a frozen desert? Explain your answer.