

**Ecosystems and Biomes** ▪ *Guided Reading and Study***Biomes**

*This section describes several different biomes, or groups of similar ecosystems, that are found on planet Earth. The section also tells where the different biomes are located.*

**Use Target Reading Skills**

*As you read, compare and contrast the different biomes by completing the table below.*

Characteristic	Temperate Rain Forest	Tropical Rain Forest	Desert	Grass-land	Deciduous Forest	Boreal Forest	Tundra
Temperature	Warm all year						
Precipitation							
Typical Organisms							

**Introduction**

1. A group of land ecosystems with similar climates and organisms is called a(n) \_\_\_\_\_.
2. Is the following sentence true or false? It is mostly the climate conditions in an area that determine its biome. \_\_\_\_\_

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**Biomes** *(continued)*

**Rain Forest Biomes**

3. Circle the letter of each sentence that is true about tropical rain forests.

- a. They are found only in Africa and South America.
- b. They receive a lot of rainfall and sunlight year-round.
- c. They contain a limited number of species.
- d. They are much warmer in some seasons than in others.

4. The tall trees in a tropical rain forest form a leafy roof called the \_\_\_\_\_.

5. How do temperate rain forests differ from tropical rain forests?

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6. Where are some temperate rain forests located?

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**Desert Biomes**

7. Circle the letter of each sentence that is true about deserts.

- a. They receive less than 10 centimeters of rain per year.
- b. They have more evaporation than precipitation.
- c. They are always hot.
- d. They have extreme temperatures.

**Grassland Biomes**

8. Circle the letter of each sentence that is true about grasslands.

- a. They have many trees.
- b. They have rich soil.
- c. They receive more than 75 centimeters of rain each year.
- d. They are home to many of the largest animals on Earth.

9. Grasslands that are located closer to the equator than prairies are called \_\_\_\_\_.

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### Deciduous Forest Biomes

10. Trees that shed their leaves and grow new ones each year are called \_\_\_\_\_.
11. Circle the letter of the sentence that is true about deciduous forests.
  - a. They receive at least 50 centimeters of rain each year.
  - b. Their temperatures are constant throughout the year.
  - c. Their growing season usually lasts for 10 months.
  - d. They contain very few habitats.

### Boreal Forest Biomes

12. What type of trees are found in a boreal forest?  
 \_\_\_\_\_  
 \_\_\_\_\_
13. Circle the letter of each sentence that is true about boreal forests.
  - a. They are farther north than deciduous forests.
  - b. They have very cold winters.
  - c. They receive little snow.
  - d. Their most common species of trees are fir, spruce, and hemlock.

### Tundra Biomes

14. An extremely cold, dry, land biome is the \_\_\_\_\_.
15. Circle the letter of each sentence that is true about the tundra.
  - a. It may receive no more precipitation than a desert.
  - b. Most of its soil is frozen all year.
  - c. Its plants include mosses and dwarf trees.
  - d. Its only animals are insects and birds.

### Mountains and Ice

16. Is the following sentence true or false? If you hiked to the top of a tall mountain, you would pass through a series of biomes.  
 \_\_\_\_\_
17. What are some organisms adapted to life on the ice?  
 \_\_\_\_\_  
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