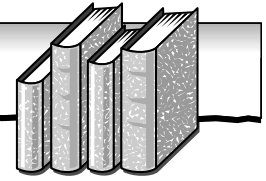


# CHAPTER 2 Guided Reading Activity



## 2-1 Earth's Water

**DIRECTIONS: Reading for Accuracy** Reading the section and completing the activity below will help you learn more about Earth's water. Use your textbook to decide if a statement is true or false. Write **T** or **F** and if a statement is false, write it correctly.

1. Every place on Earth gets an equal share of Earth's water.

\_\_\_\_\_  
\_\_\_\_\_

2. The three forms water can take are liquid, as in rivers and oceans, water vapor, and gas.

\_\_\_\_\_  
\_\_\_\_\_

3. The total amount of water on Earth is always changing.

\_\_\_\_\_  
\_\_\_\_\_

4. The water cycle is the movement of water from surfaces of lakes, rivers, and oceans to the air and then back to Earth as precipitation.

\_\_\_\_\_  
\_\_\_\_\_

5. Cold air can hold more water vapor than warm air.

\_\_\_\_\_  
\_\_\_\_\_

6. Condensation is the opposite of evaporation.

\_\_\_\_\_  
\_\_\_\_\_

7. Only a few living things need water to survive.

\_\_\_\_\_  
\_\_\_\_\_

8. A total of 5 percent of Earth's water is freshwater, and 2 percent of that is frozen.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

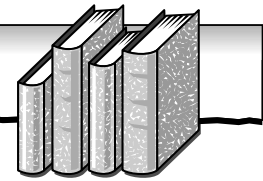
9. Groundwater is found on Earth's surface.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. The four major oceans are the Pacific, Atlantic, Indian, and Antarctic.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

# CHAPTER 2 Guided Reading Activity



## 2-2 Influences on Climate

**DIRECTIONS: Answering Questions** Reading the section and answering the questions below will help you learn about climates. Refer to your textbook to write the answers.

1. What is the difference between weather and climate?

\_\_\_\_\_  
\_\_\_\_\_

2. Where are the tropics and what is the climate like there?

\_\_\_\_\_  
\_\_\_\_\_

3. Why are the North and South poles cold all year?

\_\_\_\_\_  
\_\_\_\_\_

4. How do moving air and water affect the sun's heating of the globe?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. What is the general movement of warm winds and warm water over Earth?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

6. In addition to water currents, how do large bodies of water affect climate?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7. Compare and contrast hurricanes and typhoons.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. How do monsoons help people in South Asia?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

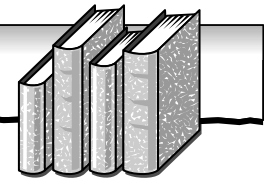
9. Why are the windward, or coastal, sides of mountains often foggy?

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

10. Explain what a rain shadow is.

\_\_\_\_\_  
\_\_\_\_\_

# CHAPTER 2 Guided Reading Activity



## 2-3 Climate and Vegetation

**DIRECTIONS: Outlining** Reading the section and completing the outline below will help you learn more about climate and vegetation. Refer to your textbook to fill in the blanks.

**I.** Tropical climates—region from 30°N to \_\_\_\_\_

**A.** Tropical \_\_\_\_\_ climate

**1.** Hot and wet; up to \_\_\_\_\_ inches (\_\_\_\_\_ cm) of rain

**2.** Lush vegetation; \_\_\_\_\_ of plants and animals.

**B.** Tropical \_\_\_\_\_ climate

**1.** \_\_\_\_\_ wet season and one \_\_\_\_\_ season

**2.** Broad \_\_\_\_\_

**II.** Mid-latitude climates—from about \_\_\_\_\_ °N to \_\_\_\_\_ °N

and \_\_\_\_\_ °S to \_\_\_\_\_ °S.

**A.** \_\_\_\_\_ climate; coasts; mild, rainy winters; cool summers

**B.** \_\_\_\_\_ climate; coasts; mild, rainy winters; hot summers

**C.** \_\_\_\_\_ climate; inland; harsh winters; short, hot summers

**D.** \_\_\_\_\_ climate; near tropics; humid winters; wet, hot summers

**III.** \_\_\_\_\_ climates—from 60°N to the North Pole and \_\_\_\_\_ to the South Pole

**A.** \_\_\_\_\_ climate; bitter, cold winters; short summers

**B.** Tundra climate; cold and \_\_\_\_\_ with some permafrost

**C.** \_\_\_\_\_ climate; bitterly cold, always below \_\_\_\_\_

**D.** \_\_\_\_\_ climate; any latitude; always cool or cold

**IV.** Dry climates

**A.** \_\_\_\_\_ climate; less than 10 inches (25 cm) of rain per year

**B.** Steppe climate; dry \_\_\_\_\_; 10 to 20 inches (25 to 51 cm) of rain

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