

Climate and Resources of the Eastern Hemisphere

Chapter Review



BIG IDEAS

1. The sun, location, wind, water, and mountains affect weather and climate.
2. Earth's five major climate zones are identified by temperature, precipitation, and plant life.
3. Earth's natural resources have many valuable uses, and their availability affects people in many ways.

REVIEWING VOCABULARY, TERMS, AND PLACES

Use the description in the right column to unscramble the term in the box. Write the correct term or name in the space provided.

- | | |
|---------------|---|
| MICALTE | 1. _____ A region's average weather conditions over time |
| SONMOON | 2. _____ Seasonal wind that creates wet and dry periods |
| VASANAN | 3. _____ Area of tall grasses and scattered trees and shrubs |
| FSATTENORIOED | 4. _____ Loss of forest areas |
| FLOISS EULFS | 5. _____ Nonrenewable resources, such as coal, petroleum, and natural gas |

COMPREHENSION AND CRITICAL THINKING

Read each of the following pairs of sentences, and cross out the **FALSE** sentence.

1. **a.** Fossil fuels are renewable resources.
b. Fossil fuels are nonrenewable resources.
2. **a.** Permafrost is found in the tundra.
b. Permafrost is found in a steppe.
3. **a.** Both ocean currents and wind are caused by fronts, where two air masses meet.
b. Both ocean currents and wind move heat around Earth.

- 4. a. Mountains can play a role in climate by influencing both temperature and precipitation.
- b. Mountains can play a role in climate by influencing Earth's tilt.
- 5. a. Natural resources include the air, water, soil, forests, minerals, and animals.
- b. Natural resources include only the air, water, and soil.

REVIEWING THEMES

In the space provided, explain how each term relates to the theme listed.

Theme: *environment*

- 1. reforestation _____

- 2. hydroelectric power _____

Theme: *climate*

- 3. steppe climate _____

- 4. weather _____

REVIEW ACTIVITY: ILLUSTRATED GLOSSARY

Create an illustrated glossary of terms associated with weather, climate, the environment, and resources. Include pictures and definitions for each term. Pictures may drawn or taken from newspapers, magazines, or other sources your teacher approves. Use the ideas below to get you started. You should have at least 20 terms in your glossary.

- | | | | |
|-------------------|----------------|---------|---------------------|
| extinct | fossil fuels | humus | hydroelectric power |
| natural resources | ocean currents | savanna | tropical climates |