



Name _____
Date _____

WEATHER AND CLIMATE

PLACES, REGIONS, AND LANDSCAPES

- Turn to page 20 in your Atlas. Read the introduction. Then write **T** in front of the sentence if it is true and **F** if it is false.
 - Precipitation is the measure of how hot or cold the air is near the earth's surface.
 - Humidity has an effect on cloud formation.
 - Weather is the amount of water vapor in the air.
 - Seasonal winds move warm, cold, moist, or dry air to a region.

- Look at the Temperature and Precipitation maps on page 20. Then answer the questions. (Use the map on pages 8-9 for help locating regions.)
 - What is the average January temperature for most of South America?

 - What is most of Mexico's average January temperature?

 - About how many inches of precipitation does most of Indonesia receive from November through April?

LOCATION

- Read the photo captions and look at the "Sun and Seasons" diagram on pages 20-21. Then explain why Salzburg, Austria, located in the Northern Hemisphere, is cold in the winter but warm in the summer.

USES OF GEOGRAPHY

- Your family is planning a summer vacation in July. They want to visit someplace warm and relatively dry. Use the Temperature and Precipitation maps on page 21 to circle the region below that best suits your family's expectations.

Central America	northern Africa	southern Australia
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PLACES, REGIONS, AND LANDSCAPES

- Read the introduction on page 22. Use the information to complete the following sentences.
 - Climate describes the usual weather pattern of a region over a _____ of time.
 - Temperature and moisture _____ with elevation.
 - Regions between the Tropic of Cancer and Capricorn are _____ than areas within the Arctic or Antarctic Circles.
 - Surface currents are driven by Earth's rotation and the _____ of the continents.

- Look at the Climographs on pages 22-23. Draw a line to connect each of the following regions with its climate.

Regions	Climates	
a. Goiania, Brazil •	• humid subtropical	
b. Messina, Italy •	• mediterranean	
c. Wuzhou, China •	• tundra	
d. Victoria, Canada •	• savanna	
e. Barrow, United States •	• marine	

- Look at the Climate map on pages 22-23. Circle the ocean that contains primarily warm ocean currents.

Arctic	Atlantic	Indian	Pacific	Southern
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- After reading pages 20-23, classify the following statements by writing **W** for weather or **C** for climate on each line.

- In Los Angeles, United States, today it is cloudy with a temperature of 86°F.
- Northern Africa is generally dry year-round.
- Yesterday Moscow, Russia, received 5 inches of snow.
- The United Kingdom generally has warm summers and cool winters.