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Name	Class	Date	
Name	Class	17415	



Chapter Tutorial

Weather and Climate

DENTIFYING TERMS Cho	oose the term that correctly matches each definition.
1. weather	a. community of plants and animals in an area
2. cyclone	b. center of low pressure
3. humidity	c. amount of water vapor in the air
4. ecosystem	d. permanently frozen soil
5. permafrost	e. condition of the atmosphere at a given time and place
NDERSTANDING MAIN	I IDEAS
1. Explain how Earth's atn	nosphere helps keep Earth warm.
3. How do high elevations	and mountains affect weather and climate?
4. What creates dry weath	er conditions in arid regions?
5. Identify the middle-latit	tude climates.

Name	Class	Date
Chapter 3 Tutorial, continu	ued)	
THINKING CRITICALLY 1. Identifying Cause and I and property?	Effect Why are hurricanes of	dangerous to people
2. Contrasting How do the	two tropical climates differ	?
3. Drawing Inferences Wi	ny is it that trees cannot gro	w in tundra climate areas?
EXPLORING INTERDISCIPI 1. Meteorology How is win		rences in air pressure?
2. Science and Technolog by hurricanes?	y Why are weather satellites	s useful in places affected

WRITING ABOUT GEOGRAPHY

Describing Imagine that you are being considered for inclusion on an expedition to the South Pole. Demonstrate your qualifications for the trip by writing a short essay describing the climate, vegetation, and wildlife of the South Pole.