Name	Class	_ Date
Skills Worksheet		
<b>Active Reading</b>		

## Section 2: Urban Land Use

Read the passage below and answer the questions that follow.

Environmental conditions in the center of a city are different from those of the surrounding countryside. Cities both generate and trap more heat. The increased temperature in the city is called a **heat island.** Heat is generated by the infrastructure that makes a city run. Roads and buildings absorb more heat than vegetation does. They also retain heat longer. Atlanta, Georgia, is an example of a city that has a significant heat island.

Scientists are beginning to see that heat islands can affect local weather patterns. Hot air rises over a city, cooling as it rises, and eventually produces rain clouds. In Atlanta and many other cities, increased rainfall is a side effect of the heat island. The heat is land effect may be moderated by planting trees for shade and by installing rooftops that reflect rather than retain heat.

## **IDENTIFYING MAIN IDEAS**

One reading skill is the ability to identify the main idea of a passage. The main idea is the main focus or key idea. Frequently, a main idea is accompanied by supporting information that offers detailed facts about the main idea.

## Read each question and write the answer in the space provided.

Authors often include a main idea in one sentence of a passage. In the space below, write the sentence that you think best summarizes the main idea of this passage.
Why does the author mention Atlanta, Georgia?
Scientists use conditional words such as <i>many, sometimes, could</i> , and <i>might</i> when they are writing a statement of probability rather than of fact. What conditional word does this author use? Which sentence is it in?
What does this conditional word suggest about the statement in which it is used?

Name Active Reading <i>continued</i>	Class	Date
Active Reading continued		_
VOCABULARY DEVELOP	<b>MENT</b>	
Read each question and write	e the answer in the s	pace provided.
5. What is the condition tha	t causes increased ter	mperatures in a city called?
6. The prefix <i>infra</i> - means 'built. Use this informatio		A structure is something that is structure of a city.
RECOGNIZING SIMILARIT	ES AND DIFFEREN	ICES
One reading skill is the abilit two phrases, ideas, or things contrasting.		arities and differences between mown as comparing and
Read each question and write	e the answer in the s	pace provided.
7. How is temperature in ur rural areas?	ban areas different fr	om temperature in surrounding
8. How might the weather be countryside?	e different in the city	than it is in the surrounding
RECOGNIZING CAUSE AN	D EFFECT	
One reading skill is the abilit	y to recognize cause	and effect.
Read each question and write	e the answer in the s	pace provided.
9. What is the result of incre	eased temperature in	a city?
10. Explain how heat can aff	ect a city's weather.	
11. What can city dwellers do	o to counteract the he	eat-island effect?