Name	Class	Date
Skills Worksheet		

## **Active Reading**

## 13.1 Section: Climate and Climate Change

Read the passage below and answer the questions that follow.

You know that the temperature and precipitation change with the seasons. But do you know what causes the seasons? The seasons result from the tilt of Earth's axis (about 23.5° relative to the plane of its orbit). Because of this tilt, the angle at which the sun's rays strike the Earth changes as the Earth moves around the sun.

During summer in the Northern Hemisphere, the Northern Hemisphere tilts toward the sun and receives direct sunlight. The number of hours of daylight is greatest in the summer. Therefore, the amount of time available for the sun to heat the Earth becomes greater. During summer in the Northern Hemisphere, the Southern Hemisphere tilts away from the sun and receives less direct sunlight. During summer in the Southern Hemisphere, the situation is reversed. The Southern Hemisphere is tilted toward the sun, whereas the Northern Hemisphere is tilted away.

## **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 main ideas.

Read each guestion and write the answer in the space provided.

	w much does Earth tilt on its axis?
2. The	number of hours of daylight is greatest when?
3. Wh	ere is the Northern Hemisphere in relation to the sun in summer?
In the s	pace provided, write the letter of the term or phrase that best answers the n.
	<ul><li>4. Which of the following sentences best states the main idea of the passage?</li><li>a. The amount of time for the sun to heat Earth becomes greater.</li><li>b. The seasons result from the tilt of Earth on its axis.</li></ul>

c. The Southern Hemisphere is tilted away from the sun.d. Temperature and precipitation change with the seasons.

Name	Class	Date	
Active Reading of			
RECOGNIZING S	IMILARITIES AND DIFFERE	NCFS	
One reading skill i	_	larities and differences between	
Read each question	n and write the answer in the s	space provided.	
5. What season is is tilted toward	-	e when the Southern Hemisphere	
6. What season is is tilted away f	-	e when the Northern Hemisphere	
RECOGNIZING C	AUSE AND EFFECT		
One reading skill i	s the ability to recognize cause	e and effect.	
Read each question	n and write the answer in the s	space provided.	
7. What causes th	ne seasons?		
8. How does the t	tilt of Earth affect sunlight?		
9. How does the amount of time in which the sun can warm Earth affect the seasons?			
10. Where is the S the Northern H	-	n to the sun when it is summer in	
11. Where is the N the Southern H	-	n to the sun when it is summer in	