Name	Class	Date	
Skills Worksheet			CI I
Active Dealine			(n. 11

Active Reading

Section: Water Resources

Read the passage below and answer the questions that follow.

Most of the fresh water that is available for human use cannot be seen—it exists underground. When it rains, some of the water that falls onto the land flows into lakes and streams. But much of the water percolates through the soil and down into the rocks beneath. Water stored beneath the Earth's surface in sediment and rock formations is called **groundwater**.

As water travels beneath the Earth's surface, it eventually reaches a level where the rocks and soil are saturated with water. This level is known as the *water table*. In wet regions, the water table may be at the Earth's surface and a spring of fresh water may flow out onto the ground. But in deserts, the water table may be hundreds of meters beneath the Earth's surface. The water table is actually not as level as its name implies. The water table has peaks and valleys that match the shape of the land above it. Just as surface water flows downhill, groundwater tends to flow slowly from the peaks of the water table to the valleys.

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 question and write the answer in the space provided.

1. Where is most fresh water that is available for human consumption found?

2. How does water get beneath Earth's surface after it rains?

VOCABULARY DEVELOPMENT

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

- 3. Water stored in sediments and rocks beneath Earth's surface is called
- 4. The level where rocks and soil become saturated with water is called

		Date	
Active Reading continued	X 3/2 125 1	dearlai	entre entre
SEQUENCING INFORMATION			
One reading skill is the ability to or events in the order in which t		rmation, or to logically p	lace item
Read each question and write the sequence of the process in which			the
		the surface of Earth whe	
6. Water first percolates through	gh the	gat ugunus	605A
7. Then, water reaches the	era e datam tasa an uma uman	beneath.	
8. Eventually, the water reache	s the	, where th	ne rocks
and soil are already	risoti nr 1651, ja	with water.	
RECOGNIZING SIMILARITIES A	AND DIFFEREN	ICES	le at
One reading skill is the ability to			tween tw
phrases, ideas, or timigs. This is s	sometimes kno	vn as comparing and con	trasting.
		경기 보다 여러면 바다 나이를 하다하는데 다.	trasting.
	e answer in the	e space provided. c home?	
Read each question and write th	e answer in the	e space provided.	
Read each question and write th 9. Why is a water table <i>not</i> like	e answer in the	e space provided. c home?	MYNT AN Sabada sa Sabada sa Sabada
Read each question and write th	e answer in the	e space provided. c home?	MYNTALA Sibaki si Samanga
Read each question and write th 9. Why is a water table <i>not</i> like 10. Explain the difference between	e answer in the	e space provided. c home?	MYNTALA Sibaki si Samanga
Read each question and write th 9. Why is a water table not like 10. Explain the difference between RECOGNIZING CAUSE AND EF	e answer in the a table in you een water table	e space provided. home? s in wet and desert region	MYNTALA Sibaki si Samanga
Read each question and write th 9. Why is a water table <i>not</i> like 10. Explain the difference between	e answer in the a table in you een water table	e space provided. home? s in wet and desert regionse and effect.	MYNTALA Sibaki si Samanga
Read each question and write th 9. Why is a water table not like 10. Explain the difference between RECOGNIZING CAUSE AND EF One reading skill is the ability to	e answer in the a table in you een water table for recognize can be answer in the	e space provided. Thome? Thome? The sin wet and desert regions are and effect. The space provided.	ons.
Read each question and write th 9. Why is a water table not like 10. Explain the difference between RECOGNIZING CAUSE AND EF One reading skill is the ability to Read each question and write the	e answer in the a table in you een water table for recognize can be answer in the	e space provided. Thome? Thome? The sin wet and desert regions are and effect. The space provided.	ons.
Read each question and write th 9. Why is a water table not like 10. Explain the difference between RECOGNIZING CAUSE AND EF One reading skill is the ability to Read each question and write the	e answer in the a table in you een water table for recognize cause answer in the groundwater?	e space provided. Thome? Is in wet and desert regions as and effect. E space provided. What causes this mover	ons.

Mamaa	Class	Data	
Name	Class	Date_	N. H. T. B. T. L.

Skills Worksheet

Active Reading

Ch. 11

Section: Water Use and Management

Read the passage below and answer the questions that follow.

Industry accounts for 19 percent of water used in the world. Water is used to manufacture goods, to dispose of waste, and to generate power. The amount of water needed to manufacture everyday items can be astounding. For instance, nearly 1,000 L of water are needed to produce 1 kg of aluminum, and almost 500,000 L of water are needed to manufacture a car. Vast amounts of water are required to produce computer chips and semiconductors.

Most of the water that is used in industry is used to cool power plants. Power-plant cooling systems usually pump water from a surface water source such as a river or lake, carry the water through pipes in a cooling tower, and then pump the water back into the source. The water that is returned is usually warmer than the source, but it is generally clean and can be used again.

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.

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

a. 50,000 L	c. 1,000 L
b. 500,000 L	d. 100,000 L
2. The amount of water used	in the world for industry is
a. 500,000 L.	c. 19 percent.
b. vast amounts.	d. 1,000 L.
3. Water is used in industry m	nainly to
a. cool power plants.	c. create steam, which is then used for energy.
b. keep machinery running	d. clean huge cooling towers.
4. Water that is returned to a	river from a power plant cooling tower is
a. cooler than the river and	d contaminated.
b. warmer than the river as	nd contaminated.
c. cooler than the river but	clean.
d. warmer than the river by	ut clean.

rlanew alula.
eeng edi Daaj
produced by
habasa .
annerd
ly place items
works.
tenedaja aiki ti tenedaja araja
6E E 2
completes
to its source

Name	1	Class	Date	
Chille We dedead				

Skills Worksheet

Active Reading

Ch. 11

Section: Water Pollution

Read the passage below and answer the questions that follow.

The natural process of eutrophication is accelerated when inorganic plant nutrients, such as phosphorus and nitrogen, enter the water from sewage and fertilizer runoff. Eutrophication caused by humans is called **artificial eutrophication**. Fertilizer from farms, lawns, and gardens is the largest source of nutrients that cause artificial eutrophication. Phosphates in some laundry and dishwashing detergents are another major cause of eutrophication. Phosphorus is a plant nutrient that can cause the excessive growth of algae. In bodies of water polluted by phosphorus, algae can form large floating mats, called *algal blooms*. As the algae die and decompose, most of the dissolved oxygen is used and fish and other organisms suffocate in the oxygen-depleted water.

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.

In the space provided, write the letter of the term or phrase that best completes each statement or best answers each question.

_ 1. Which of these are examples of	inorganic plant nutrients?
a. eutrophication and oxygen	c. oxygen and algal bloom
b. phosphorus and nitrogen	d. farms and lawns
_ 2. Eutrophication caused by huma	ns is called
a. artificial eutrophication.	c. phosphates.
b. algal bloom.	d. fertilizer.
 _ 3. Which of the following is the be passage?	st statement of the main idea of this
a. Decomposing algal blooms de	eplete oxygen from bodies of water
b. Fertilizer runoff causes artific	cial eutrophication.
c. Artificial eutrophication dam	ages bodies of water.

VOCABULARY DEVELOPMENT

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

4. What is an algal bloom?

d. Phosphates in detergents are the major cause of eutrophication.

me	Class	Date
Active Reading continued		is Worksheet
Remember that eutrophic water gains an abundance eutrophication and artific	e of nutrients. Explain the	
- Mont to 450 horse to	is the in male of the six of	Feedback Southern of T
vd feet to nobabile	isto 7 Month positi sui s Lingua de pastas lebici	A see a construction of the construction of th
COGNIZING CAUSE AND	EFFECT	rianido retra contingo a encular de cardeiro
ne reading skill is the ability	y to recognize cause and	effect.
ad each question and write	the answer in the space	provided.
. Artificial eutrophication i	s caused by	ngana agas, anta Naja. Mari nganaondo bas
It happens when	slegica sebit masionie	Mission 1 Section 1848
Zuro III V sepseng i Yest	da Cipiranti gistada et g	esaico ruena pravi non inda est al linia sydyseo
. What is the greatest cause	e of artificial eutrophicati	ion?
. Name another cause of ar	tificial eutrophication.	ge same and the second
	rus, b	as a modernarity
. What substance causes ar	n algal bloom to form?	medic layle d
. Why do fish die in a body	of water where an algal	bloom has formed?
V - 10 10 10 10 10 10 10 10 10 10 10 10 10	yerine ilayeri ada especiel ada gajada da nelogasi budu	orang cangagara di Malaysian Magalaysia
		And the second s