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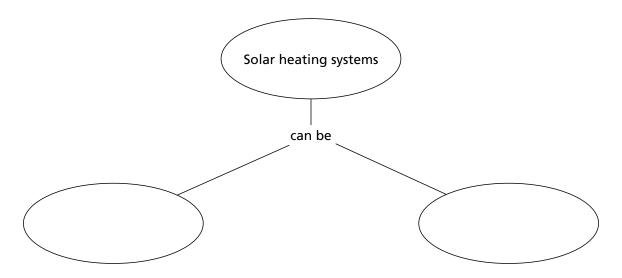
Na	ame	Date	Class
En	nergy Resources • Guide	ed Reading and Study	
R	enewable Sourc	es of Energy	
	his section describes several rei lvantages and disadvantages o	, 00	nd explains the
Us	se Target Reading Skil	ls	
_	efore you read, preview Figure is agram in the graphic organize	•	v
	Q . How does the house	capture solar energy?	
	Α.		
	Q.		
	Α.		
Ha	arnessing the Sun's En	ergy	
1.	What is solar energy?		
2.	b. It causes pollutic. It will not run o	of most other renewable e	nergy resources.
3.	How do some solar plant electricity?	s capture energy and use	it to generate
4.	Is the following sentence directly into electricity in	e.	y can be converted
5.	What are solar cells used	to power?	
6.	Is the following sentence sunlight into mechanical		

Name	Date	Class

Energy Resources • Guided Reading and Study

Renewable Sources of Energy (continued)

7. Complete the concept map.



8. How do active solar heating systems differ from passive solar heating systems?

Hydroelectric Power

9. List other renewable sources of energy besides the sun.

a. ______ b. _____

c.______ d._____

e. _____

10. Electricity produced by flowing water is called

_____.

Naı	me Date Class
Ene	ergy Resources • Guided Reading and Study
11.	Is the following sentence true or false? Hydroelectric power is the least widely used source of renewable energy in the world today.
12.	What are two limitations on hydroelectric power in the United States?
Cap	pturing the Wind

- **13.** Circle the letter of each sentence that is true about wind energy.
 - **a.** It provides 10 percent of the world's electricity.
 - **b.** It is the fastest-growing energy source.
 - **c.** It causes pollution.
 - **d.** In some places it is the major source of power.
- 14. Is the following sentence true or false? Most places have winds that blow steadily enough to be a worthwhile energy source.

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- **15.** Fuels made from living things are called _____
- **16.** Circle the letter of each sentence that is true about biomass fuels.
 - **a.** They include leaves, food wastes, and manure.
 - **b.** They can be converted to other fuels.
 - **c.** They are widely used today in the United States.
 - **d.** They are renewable resources.

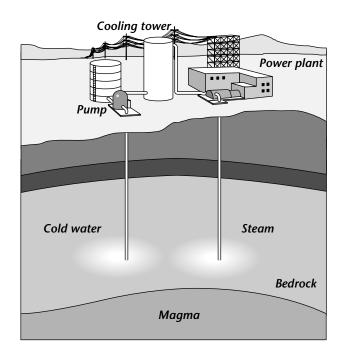
Name	Date	Class

Energy Resources • Guided Reading and Study

Renewable Sources of Energy (continued)

Tapping Earth's Energy

- 17. Intense heat from Earth's interior is called ______.
- **18.** Is the following sentence true or false? Geothermal energy is an unlimited source of cheap energy.
- **19.** Add arrows to the drawing to show how water flows through a geothermal power plant.



The Promise of Hydrogen Power