Name	Class	D 4
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Skills Worksheet

Directed Reading A

Section: The Active River RIVERS: AGENTS OF EROSION	
1. How long ago was the area now known as the Grand	d Canyon nearly flat?
2. Wind, water, ice, or gravity transports soil and sedim	nent from one location to
another through a process called	ep and 446 km long?
THE WATER CYCLE Match the correct description with the correct term. Write provided.	e the letter in the space
4. water from the oceans and the Earth's surface changes into water vapor	a. evaporationb. percolation
5. precipitation that flows over land into streams, rivers, and later enters the ocean	c. condensation d. precipitation
6. rain, snow, sleet, or hail that falls from clouds	e. runoff f. the water cycle
7. the continuous movement of water from the ocean to the atmosphere, from the atmosphere to the land, and then back to the ocean	
8. water vapor cools and changes into water droplets, forming clouds	
9. the downward movement of water through spaces in soil due to gravity	
IVER SYSTEMS	
/rite the letter of the correct answer in the space provide10. A network of streams and rivers that drains are called	
	cycle.

Name	Class	Date	
Directed Reading A continued			
11. A stream that flows into a	lake or larger stream is	a	
12. The area of land that is dra	ined by a water system	is called a	
13. What watershed covers mo	re than one-third of the	e United States?	
14. The boundary between dra		treams that flow in opposite	
directions is a	•		
STREAM EROSION			
15. A path that a stream follow	vs is a(n)	•	
16. When streams become long	ger and wider, they are	called	
▼			
Match the correct definition with the correct term. Write the letter in the space provided. 17. the materials carried by a streama. discharge			
18. the measure of the over a certain dista		b. load c. gradient	
19. the amount of wate carries in a given a			
20. What effect does the gradi for eroding soil and rock?	ent of a stream have or	n the amount of energy it has	
21. When a stream's discharge	e increases, what happe	ens to its erosive energy?	

Directed Reading A continued	p. cas in .
22. What effect does the speed a strear is able to carry?	m flows have on the size of the particle
23. What effect does the size of the par on its erosive energy?	rticles that make up a stream's load hav
24. What is the difference between a be	
No. of the control of	
25. What is a suspended load?	
THE STAGES OF A RIVER	
THE STAGES OF A RIVER Write the letter of the correct answer in	
THE STAGES OF A RIVER Write the letter of the correct answer in26. In the early 1900s, William M a. measuring the gradients o	the space provided. Iorris Davis developed a model for
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Name		Class	Date
Directed Rea	ding A continued		a
a. be b. be c. be	does a mature river ecause a mature rive ecause a mature rive ecause of its poor dr ecause of its good dr	r is longer r is shorter ainage	arge than a youthful river?
calle a. a	/01/2	c. an o	oodplain, and many bends is old river. Figure size of the size of
a. a	ver that is found whe youthful river. mature river.	c. and	sed by tectonic activity is old river. juvenated river.
valle a. m	steplike formations t ey as a result of rejuv neanders. erraces.		ges.
	difference between a		
35. What is the	result of an old river	not having much	n erosive energy?
36. How does t	ectonic activity help	make a rejuvena	ted river?