Name	Class	Date
Skills Worksheet	<b>.</b>	(4)
Directed F	3.16 position	(00D)

tion: Weather In:	struments
ame five measurement	s on which weather observations are based.
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ow do meteorologists	use these measurements?
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SURING LOWER-ATI	MOSPHERIC CONDITIONS
	MOSPHERIC CONDITIONS the letter of the definition that best matches the term
	MOSPHERIC CONDITIONS the letter of the definition that best matches the term
e space provided, write	
e space provided, write grase 3. thermometer	the letter of the definition that best matches the term
e space provided, write Irase.	<ul> <li>a. an instrument that measures atmospheric pressure</li> <li>b. a thermal resistor that measures temperature</li> </ul>
e space provided, write trase.  3. thermometer  4. electrical	<ul> <li>a. an instrument that measures atmospheric pressure</li> <li>b. a thermal resistor that measures temperature</li> </ul>
e space provided, write trase.  3. thermometer  4. electrical thermometer	<ul> <li>a. an instrument that measures atmospheric pressure</li> <li>b. a thermal resistor that measures temperature and responds quickly to temperature changes</li> </ul>
space provided, write arase.  3. thermometer  4. electrical thermometer  5. thermistor	<ul> <li>a. an instrument that measures atmospheric pressure</li> <li>b. a thermal resistor that measures temperature and responds quickly to temperature changes</li> <li>c. an instrument that measures wind speed</li> <li>d. an instrument that measures and indicates</li> </ul>
space provided, write arase.  3. thermometer  4. electrical thermometer  5. thermistor  6. barometer	<ul> <li>a. an instrument that measures atmospheric pressure</li> <li>b. a thermal resistor that measures temperature and responds quickly to temperature changes</li> <li>c. an instrument that measures wind speed</li> <li>d. an instrument that measures and indicates temperature, often in the form of a sealed</li> </ul>

Vame	Class	Date	
Directed Reading co	ntinued		. Y
10. Why do scientists	use barometers to help the	hem predict the we	ather?
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1. Explain how an ar	emometer works		
1. Explain now an ai	emometer works.	÷	
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	R-ATMOSPHERIC CON		
12. Why do meteoroic	ogists study upper-atmos	pneric conditions?	
13. What is a radiosor	ide?		
	<u></u>	÷.	
14. How does a radios	sonde work?		
		•	
15. What is radar?			<del></del>
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16 Ham de 1	1: ( )		
16. How does radar tr	ack a storm?		
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Halt McDaugal Earth Science

ne		Class				
irected Readir	ng continued					
.Explain what	Doppler radar c	an tell meteor	rologists.			
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. What importa	ant purpose do w	veamer satem	ites serve:			•
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). How can wea	ather satellites b	e used to mea	isure the di	ection and	. speed of t	IIC.
wind at the le	evel of the cloud	is?				
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2 11	the are cotallities as	and to monito	r weather a	t nioht?		<del>-</del>
O. How are wea	ather satellites u	sed to monito	r weather a	t night?	•	<del></del>
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1. What types	of marine condi	tions do weat	her satellite	s monitor?	. 1	
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