Na	me	Date	Clas		
Wh	at Is Science? • Guided Rea	ading and Study			
Th	inking Like a Scientist	(continued)			
Inf	roduction (p. 6)				
1.	What are five skills scientists use to learn more about the world?				
Ot	oserving (p. 7)				
2.	What is observing?				
3.	The senses a scientist uses in caste, and	observing include sigl	ht, hearing, tou		
 4. 	In the spaces below, explain the				
	taste, and				
	In the spaces below, explain the qualitative observations.				
4.	In the spaces below, explain the qualitative observations.	ne differences betwee	n quantitative a		
4.	In the spaces below, explain the qualitative observations. Ob	servations	n quantitative a		
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at Is Science? • Guide	d Reading and Study					
a. Inferences are based ofb. Making an inference ifc. An inference is an inference if	n reasoning from what you nvolves wild guessing. erpretation of observations.	ı already know.				
edicting (p. 9)						
Making a forecast of what will happen in the future based on past experience or evidence is called						
How are inferring and pr	redicting related?					
essifying (p. 10)						
What is classifying?						
king Models (p. 11)						
What does making mode	ls involve?					
a. mapb. movie setc. computer-generated il						
	Circle the letter of each it a. Inferences are based of b. Making an inference is c. An inference is an inte d. People make inference cdicting (p. 9) Making a forecast of what experience or evidence is How are inferring and pressifying (p. 10) What is classifying? Is the following sentence is that objects and inform aking Models (p. 11) What does making mode Circle the letter of each ite a. map b. movie set	Making a forecast of what will happen in the future experience or evidence is called				

Naı	me		Date		Class
Wh	at Is Science?	• Guided	Reading and S	tudy	
Th	inking Like	a Scient	tist (continued)		
13.	•	•	rue or false? Mod		ple study things tha
14.	•	•	rue or false? Somo		on about an object or
Sci	ientific Attitu	ide s (p. 1.	2)		
15.	What is science	?			
16.	What are five i	mportant a	ttitudes that succ	ressful scien	tists possess?
17.			nition of skeptici	ism.	
		minded with invent	oubt ive ways to solve tore about a topic	A	
18.			rue or false? Hor st previous ideas		