Name	Date	Cla
Science Skills Worksheets  THINKING SKILLS		
Using Your Senses		
Imagine that a fourth-grader asks you, "V that the sun goes around the Earth?" How		
Because early scientists based their concluyou may have used a phrase like, "It look that" in your answer. Unfortunately, yonly on what they saw, they were often for	ed like" or "It appeared when early scientists relied	
Observations		
By using their sense of sight, early scientitions. Although you may not realize it, you constant touch things, and sometimes you tast Occasionally, like those scientists, you obfind out later that your observation was vexample:	ou make observations about tantly see things, hear things, ite and smell things, too. serve something and then	
"Yechhhh!" cried Walter as he spit out "This milk tastes sour!" Then the smell too. It was awful. In fact, he couldn't the sour smell before. "The milk looke of the refrigerator," he remarked.	l caught his attention, pelieve he hadn't noticed	
What sense had given Walter incomplete	information?	

Why hadn't Walter noticed the smell earlier?

## **Keep Your Eyes and Ears Open**

When you are doing scientific work, use your different senses to make accurate and thorough observations. But remember—it's never safe to touch, smell, or taste substances unless your teacher says it is okay.

Name	Date	Class
	Using Your Senses, continued	
Making Sense		
For each sense listed below, de	escribe a situation in which that sense formation. The first one is done for you.	
Smell		
Some colored markers are scente	ed to smell like food. If you relied only on	_
your sense of smell, you might t	hink that they were food!	_
Touch		
		_
		_
		_
Hearing		
		_
		_
		_
Taste		
		_
		_
		_
Sight		
		_

## **TROUBLESHOOTING**

If you are having trouble thinking of examples, ask yourself, "Are there products designed to imitate or deceive?" For instance, scented markers are designed to smell like food.

## TRY THIS!

Put a few unbreakable objects in a shoe box. Give the box to some friends. Ask them to guess what's inside without opening it and to tell you what senses they are using.