Name	Class	Date	
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#### STUDENT SAFETY TEST

# **Recognizing Laboratory Safety**

### **Pre-Lab Discussion**

1

An important part of your study of science will be working in a laboratory. In the laboratory, you and your classmates will learn about the natural world by conducting experiments. Working directly with household objects, laboratory equipment, and even living things will help you to better understand the concepts you read about in your textbook or in class.

Most of the laboratory work you will do is quite safe. However, some laboratory equipment, chemicals, and specimens can be dangerous if handled improperly. Laboratory accidents do not just happen. They are caused by carelessness, improper handling of equipment, or inappropriate behavior.

In this investigation, you will learn how to prevent accidents and thus work safely in a laboratory. You will review some safety guidelines and become acquainted with the location and proper use of safety equipment in your classroom laboratory.

### **Problem**

What are the proper practices for working safely in a science laboratory?

## Materials (per group)

Science textbook

Laboratory safety equipment (for demonstration)

### **Procedure**

### Part A: Reviewing Laboratory Safety Rules and Symbols

- 1. Carefully read the list of laboratory safety rules listed on pages x xii of this lab manual.
- 2. Special symbols are used throughout this lab book to call attention to investigations that require extra caution. Use pages xii and xiii as a reference to describe what each symbol means in numbers 1 through 7 of Observations.

### Part B: Location of Safety Equipment in Your Science Laboratory

1. The teacher will point out the location of the safety equipment in your classroom laboratory. Pay special attention to instructions for using such equipment as fire extinguishers, eyewash fountains, fire blankets, safety showers, and items in first-aid kits. Use the space provided in Part B under Observations to list the location of all safety equipment in your laboratory.

Name	Class	Date	
RECOGNIZING LABO	RATORY SAFETY (continued)		
_	and Applications		
- C	situations, write yes if the prop lowed and no if they are not. T		
1. Gina is thirsty. She rand takes a drink.	inses a beaker with water, refill	ls it with water,	
	e electrical cord on his microscone microscope to his teacher and nother one.		
amount of hydrochlo	ns in the lab book tell a student oric acid into a beaker. Jamal pu ing the acid into the beaker.	•	
	It is rather warm in the laboratory during a late spring day. Anna slips off her shoes and walks barefoot to the sink to clean her glassware.		
<b>5.</b> While washing glass even, Evon splashes	sware, Mike splashes some wat him back.	ter on Evon. To get	
<b>0</b> 1	nt, Lindsey decides to mix two not say to mix, because she is cu		