

# Reviewing Lab Safety

“Hands-on” experiences are part of many school activities. Science, especially, is suited to “learning by doing.” You investigate; you make things happen; you learn from what you do.

Science investigations can be exciting. However, they can also be dangerous. Science laboratories have equipment and materials that can be dangerous if not handled properly. For this reason, it is important for you to always follow proper safety guidelines. Safety rules are for your own protection-as well as the protection of everyone around you.

**Materials:** Safety equipment labels

**What To Do:**

1. When your teacher tells you to do so, leave your seat and walk around the classroom.
2. Find where each of the following safety equipment is stored.

1. Eyewash fountain/shower
2. Fire Blanket
3. Fire Extinguisher
4. Safety Goggles/Glasses sanitizer
5. First Aid Kit

3. Be ready to place a label on the piece of equipment when your teacher asks you to.

**Materials:** Safety Statements

**What To Do:**

Read the following 10 guidelines about safety in the science classroom. Be ready to listen to the statements made by your teacher. If it is breaking a safety rule write **wrong** in the blanks below. If it is following a safety rule write **correct** in the blanks below.

## Lab Safety Guidelines

**Preparation and Neatness**

1. Before beginning your investigation, ask your teacher to explain any procedure you do not understand.
2. Clean off table of any extra materials before starting.
3. Tie back long hair when working with chemicals or fire.
4. Roll up long sleeves when working with chemicals or fire.
5. Eat or drink only when directed to do so by your teacher.

**Eye Safety**

6. Wear safety glasses when handling liquid chemicals, using fire or performing any activity that could harm the eyes.
7. If chemicals get in your eyes, wash them for at least 15 minutes with at the eyewash fountain.

**Chemicals and other Dangerous Substances**

8. Wash any chemical spill with plenty of water.
9. Never taste chemicals or put chemicals near your eyes.
10. When smelling chemicals, wave the fumes toward your nose with your hand with a wafting motion.

**Statements**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

**Observe the cartoon and list 5 rules that are being broken.**

Name \_\_\_\_\_ period \_\_\_\_\_

## EXIT TICKET

*Reviewing Laboratory Safety*

1. Why should you waft chemicals toward your nose rather than put them close to your nose?

2. Why is it important to keep your area clean?

3. Why is important not to point a heating test tube toward any one?

Name \_\_\_\_\_ period \_\_\_\_\_

## EXIT TICKET

*Reviewing Laboratory Safety*

1. Why is it important to keep your area clean?

2. Why is important not to point a heating test tube toward

3. Why should you waft chemicals toward your nose rather than put them close to your nose?

## **Teacher page**

### Safety statements

#### First 10

1. I will eat a candy bar during laboratory.
2. I will taste the chemical to see if it is sour.
3. I will wear my safety glasses when working with fire.
4. I will put my nose next to a test tube to smell it.

#### Second 13

5. I will not tell the teacher if I cut myself.
6. I will use a broom and dustpan to pick up broken glass.
7. I will run and play during laboratory.
8. I will not point a heating test tube toward my classmate.