

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 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 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. _____

Materials: Safety Statements, part 2, Safety Contract

What To Do:

Read the following 13 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.

Safety Equipment

11. Know the location of all safety equipment, including fire extinguishers; fire blankets, first-aid kits and eyewash.
12. Report all accidents to your teacher immediately.
13. Report any cuts you received in the science classroom to _____ the teacher so that first-aid may be given.

Heating and Electricity

14. Use a hot plate to heat liquids.
15. Do not point a heating test tube toward anyone.
16. Do not let loose electrical cords hang over the table edge.

Knives and Glassware

17. Be careful when using knives, scalpels and razor blades.
18. Never use cracked or chipped glassware.
19. Your teacher will clean up broken glass; never a student.

Unauthorized Experiments and Clean Up

20. Do not perform any experiment that has not been _____ assigned or approved by your teacher.
21. Clean up all work areas and put away all equipment
22. Leave your basket and work area neat and clean
23. Do not play around during laboratory.

Statements

5. _____
6. _____
7. _____
8. _____

Sign the Safety Contract and glue into your notebook.

Your Signature: _____