

# SAFETY PRACTICES IN THE SCIENCE LABORATORY

These precautions and suggestions are for your own safety and that of your classmates. Study these precautions thoroughly so that you are familiar with the safety rules for this class, also so that you will know what to do in certain situations should they arise. A copy of these precautions will be posted on the bulletin board for reference.

## General Safety Instructions

1. Report immediately to the teacher any accident, however, slight.
2. Ask the teacher for further instructions whenever you do not understand clearly what you are to do. You are, however, expected to listen carefully to instructions and be responsible for them.
3. Observe all signs, labels, and other directions that recommend caution. Most of these are indicated in your text or lab manual in **BOLD PRINT**.
4. Dispose of broken glass only in the special container provided for that purpose. Make sure that all broken glass is cleaned up in the area where it is broken.
5. **Never** taste any substance unless instructed to do so by the teacher.
6. Clear all laboratory stations of books, purses, notebooks, or other items not related to the laboratory work. Aisles should be kept clear.
7. Remove immediately under the teacher's instructions chemicals and water spilled on the desks, counter, and floors.
8. Keep sinks and area clean at all times.
9. Dispose of waste in the proper place.
10. Do not move around the laboratory unnecessarily.
11. Do not work in the laboratory unless supervised by a teacher.
12. Clean and replace all glassware, apparatus, and instruments after using. **DO NOT** remove chemicals/lab supplies from the classroom.
13. Do not mix or play with chemicals other than those instructed to be used by your text for the necessary chapters you are working on. If you do not understand the mixing instructions in the text, ask the teacher for help.
14. Take special care in handling hot objects, such as beakers, burner stands, and burners.
15. Observe care when using a flame source. If you have long hair, tie it back.
16. Avoid breathing directly the fumes of chemicals.
17. Aprons will be provided, when necessary, for the protection of your clothing. **No** open-toed shoes or open-heeled shoes or sandals should be worn on lab days.
18. Wash your hands with soap and water after each lab.
19. Wear ANSI approved safety goggles when using heat, an open flame, chemicals, and glassware. **This is required by the state!**
20. No student is dismissed from his/her class until the laboratory is clean and safe for the following class. Dismissal will be by the teacher and **NOT** the bell.

I have read and agree to abide by the safety regulations as set forth above and also any additional printed instructions provided by the teacher and/or district. I further agree to follow all other written and verbal instructions given in class. I understand that if I fail to abide by any of these practices, I can be suspended from classes.

I wear contact lenses.    yes \_\_\_\_\_    no \_\_\_\_\_

_____	_____
(Student's Signature)	(Date)
_____	_____
(Parent/Guardian Signature)	(Date)

## **Notes:**

- **What must happen in case of accidents:**
  - o **Report to?**
  - o **Chemical Spill?**
  - o **Broken Glass?**
  
- **What is the location of the following:**
  - o **Goggles?**
  - o **Safety Blanket?**
  - o **Fire Extinguisher?**
  - o **Eye Wash?**
  - o **Glass Disposal?**
  
- **What is appropriate dress for labs:**
  - o **Shoes?**
  - o **Shirt Sleeves?**
  - o **Long Hair?**
  - o **Goggles? When?**
  
- **What is appropriate laboratory organization & guidelines:**
  - o **Books, book bag and other clutter?**
  - o **Desktops?**
  - o **Countertops?**
  - o **What must be done before you leave the lab?**
  - o **When can you leave the lab?**
  
- **What is the appropriate way to handle material in the lab?**
  - o **Microscope?**
  - o **Chemicals (fumes, corrosive, stains)?**
  - o **Open Flames?**
  
- **When should you do a lab?**
  
- **What happens if you do not follow ALL safety rules of science?**