

Respect...
Safety Responsibilities for Students in a Science Lab

1. Act safely and responsibly at **ALL** times. No “horseplay” of any kind, ever!
2. Follow written and verbal instructions exactly and carefully.
3. Use **ONLY** the materials and equipment provided by the teacher.
4. **READ INSTRUCTIONS BEFORE YOU BEGIN.** Read labels on chemicals before you use them to make sure you have the correct one.
5. **NEVER TASTE ANYTHING USED IN AN EXPERIMENT. NEVER TOUCH** any chemical unless you are told it is safe to do so. Avoid inhaling fumes from any chemical or reaction unless you use the “WAFTING” technique.
6. **WEAR SAFETY GLASSES** any time you are heating anything, working with any chemical, working with materials that can splinter or fragment, or any time a hazard to your eyes may exist.
7. Know the location of the emergency eyewash and know how to use it. If you do get something in your eyes, **GO IMMEDIATELY TO THE EYEWASH AND FLUSH YOUR EYES CONTINUOUSLY FOR 15 MINUTES!**
8. When working with chemicals and solutions, residue from them may get on your hands. Avoid rubbing your eyes, licking your fingers, etc. Absolutely **NO FOOD, DRINK, or GUM** is ever allowed during a lab. Wash your hands with soap and water at the end of every lab. Use clean paper toweling to dry your hands. Do not use cloth towels, intended for drying off counter tops.
9. Wear protective aprons when using liquid chemicals, or when told. Know the location of the emergency shower and how to use it. If you do spill the chemicals on your skin or clothing, rinse the area immediately for 15 minutes with water.
10. Broken glass should be swept up promptly with a broom and dustpan. **DO NOT** pick up broken glass with your hands. Dispose of broken glass in the special “Broken Glass” container in the hood. Never place broken glass in the trash cans. **If you break glassware or equipment, you will be expected to pay for it – even if it was broken accidentally.**

11. **NEVER** put solid waste (paper, matches, pencils, sand, etc) in the sink. Solid waste, except for glass, should be thrown in the trashcans or other appropriate containers.
12. Liquid chemical spills should be cleaned up by putting sand on it and then sweeping it up and putting it in the trashcan. Dry chemicals should be swept up. **NEVER** use a cloth or paper towel to clean up a liquid chemical spill, as the chemical may soak through the towel and get on your hands.
13. Liquid waste may be poured down the sink with lots of water to flush it down, **UNLESS YOUR TEACHER TELLS YOU TO PUT LIQUID WASTE IN A SPECIAL CONTAINER.**
14. Know the locations of the fire extinguishers, fire blanket, and sand buckets. Use them if the teacher is unable to do so in an emergency. Fire extinguishers should never be used on people, use the fire blanket and **“Stop, Drop, and Roll,”** or use the safety shower on people. Know the proper fire drill route for your classroom!
15. Clothing must be appropriate. Loose fitting shirts and sweaters, long necklaces, as well as bulky sleeves should not be worn. Long sleeves must up rolled up. No jackets or backpacks will ever be allowed in the lab.
16. Extreme caution must be taken when using the burners. Never leave a lit burner unattended. Be aware that burners, stands, and equipment will remain hot for a long time after removing the flame. Long hair must be tied back. Never stick anything into the flame unless told to do so.
17. Do not handle any equipment, chemicals, or specimens unless told.
18. When you are in lab, keep your area clean and organized. Clean up any spills immediately. Leave all textbooks and other unnecessary materials at your desk. When you are finished clean up and return materials as instructed. Failure to clean up will result in being kept after class, after school, and/or a loss of points toward your overall lab grade.
19. **Report ALL accidents to the teacher immediately after they happen.**
20. Most lab accidents can be avoided if you simply use common sense. Please think before you act.

Safety contract...students will not be allowed to participate in any science lab until this contract has been signed and returned to the teacher.

I have read, understood, and agree to follow all the rules titled “Safety Responsibilities for Students in a Science Lab.” I also understand that if I intentionally put anyone at risk including myself, I will be suspended from all lab activities, removed from class and referred to the office for disciplinary action.

DATE _____

STUDENT’S SIGNATURE _____

PARENT/GUARDIAN SIGNATURE _____