

## **Laboratory safety rules/contract:**

The following set of rules is designed to keep you and your classmates safe and to have a successful lab experience. The importance of these rules cannot be overstated. These rules must be adhered to and will be strictly enforced. To that end I expect you and your parents to sign and return the form below to contract with the school to abide by these rules.

### **Laboratory Safety Rules**

1. Use common sense - think about where you place things - especially glassware, hot objects and open flames.
2. Follow the written lab procedure - laboratory activity at this level is not meant to be creative. Improper combinations or amounts of chemicals can be very dangerous. If you want to be creative wait until you are a research chemist. Ask if you are unsure of the correct procedure.
3. Take your time read instructions and labels carefully to avoid mistakes (many chemical formulas are similar to each other), stay on task, and stay in your assigned work area.
4. Do not leave Bunsen burners on unless attended.
5. Goggles must be worn at **all times** in the lab. Aprons are recommended for most labs and will be required for some.
6. Know how to use the safety equipment and where it is **located** in the lab.
7. Keep long hair and clothing tied back or tucked in to avoid flames and knocking over glassware.
8. No eating, drinking or chewing of anything in the lab - it is too easy to transfer chemicals from the hands to the mouth by doing these things (technically any food which enters a chemistry lab is to be reclassified as chemicals and not for consumption).
9. Contacts are not to be worn in the lab (fumes dissolving in the fluid surrounding the eye would be held in by contacts).
10. Open sandals are not to be worn in the lab. Liquid chemical spills flow downward.
11. Seats or stools are not to be used during labs - students need to be mobile to avoid possible spills and are not to place them under the edge of the lab bench where chemicals may spill.
12. Keep work area neat put away all equipment after labs.
13. Inspect equipment often for damage - dispose of broken glass only in the container for broken glass.
14. When heating a test tube never point it at anyone.
15. Do not put any solids in the sink unless told to do so.
16. Dispose of chemicals as instructed by the teacher.
17. Never return chemicals to stock supplies to avoid contamination.
18. Immediately report spills, accidents or injuries.
19. Wipe and dry work area after to clean up possible chemical contamination.
20. Wash hands before leaving the lab.

**I have read and understand these rules and agree to abide by them to ensure a safe experience in Chemistry-11.**

Student's Name: \_\_\_\_\_

\_\_\_\_\_  
Student's signature

\_\_\_\_\_  
Parent or guardian's signature

\_\_\_\_\_  
Date