

Lab Safety Guidelines and Contract

Safety Precautions:

- 1 1. Use common sense.
- 2 2. Never work alone in the laboratory.
- 3 3. Always follow directions when working on lab/class activities.
- 4 4. Wear safety goggles (glasses) whenever directed to do so.
- 5 5. No food, drink or gum is allowed in the laboratory or classroom.
- 6 6. Do not sit on the lab benches.
- 7 7. Do not push or shove other students in the lab or classroom.
- 8 8. Do not crowd lab stools.
- 9 9. Be careful with Bunsen burners, Hot Plates, and other heat sources.
- 10 10. Keep all papers away from heat sources.
- 11 11. Clean lab or classroom area after experiments (glassware, stools, lab bench and sink).
- 12 12. Return all borrowed materials to their appropriate storage place as directed by the teacher.
- 13 13. Never mix chemicals without permission or instruction.
- 14 14. Do not taste or ingest any chemical or specimen in the laboratory or classroom.
- 15 15. Never smell directly from any container – always waft contents.
- 16 16. Never look directly into a test tube – always view test tube from the side.
- 17 17. When heating a container always point it away from self and others.
- 18 18. Place broken glass or other lab materials in the container designated by the teacher.
- 19 19. **Never add water to an acid** – always add acids to water.
- 20 20. Be careful when using electricity.

Equipment in Room

Know where the following items are located and how to use them properly:

This equipment is to be used only in case of an emergency.

First aid kit
Fire extinguisher
Fire blanket
Eye wash station
Acid shower station

Accidents

1. Report all accidents to the teacher immediately.
2. In case of fire:
 - On a person – Do Not Run. Fall to the floor and cover with a Fire Blanket.
 - On a Piece of furniture – If small, cover with a lid or wet towel.
 - If large – use a Fire Extinguisher.
3. If you spill a small amount of acids, bases, or other caustic materials on your skin wash immediately with lots of water at the nearest sink. If a large part of the body is covered with acid go immediately to the chemistry room 200 which has an acid/base shower and flush the body thoroughly.
4. In case of chemicals in eyes, wash immediately at Eye Wash Station at the demonstration desk in the front of the room.

Any chemical can be dangerous if it is misused. Always follow the instructions for the experiment. Pay close attention to any safety notes. Do not do anything different unless told to do so by your instructor.

Student Safety Contract

Agreement:

I, _____, have read and agree to follow all of the safety rules set forth in the "Laboratory Safety" handout. I realize that I must obey these rules to insure my own safety, and that of my fellow students and instructors. I will cooperate to the fullest extent with my instructor and fellow students to maintain a safe lab and classroom environment. I will also closely follow the oral and written instructions provided by the instructor. I am aware that any violation of this safety contract that results in unsafe conduct in the laboratory or misbehavior on my part, may result in being removed from the laboratory, detention, receiving a failing grade, and/or other consequences as outlined in the student handbook.

Student Signature

Date

Dear Parent or Guardian:

We feel that you should be informed regarding the school's effort to create and maintain a safe science classroom and laboratory environment.

You should be aware of the safety instructions that your son/daughter will receive before engaging in any laboratory or classroom activity. Please read through the list of safety rules on the reverse of this contract. No student will be permitted to perform laboratory or classroom activities unless this contract is signed by both the student and the parent/guardian and is on file with the teacher.

Your signature on this contract indicates that you have read this Student Safety Contract, are aware of the measures taken to insure the safety of your son/daughter in the science laboratory and classroom, and will instruct your son/daughter to uphold this agreement and to follow these rules and procedures in the laboratory and classroom.

Parent/Guardian Signature

Date