



## Student Laboratory Safety Contract

Science is a hands-on laboratory class. You will be doing many laboratory activities which require the use of potentially hazardous equipment and chemicals. Safety in the classroom is the #1 priority for students, teachers, and parents. To ensure a safe science classroom, follow the rules listed below at all times. Two copies of the contract are provided. One must be signed by you and a parent or guardian. Keep the second copy in your science notebook as a constant reminder of the safety rules.

### General Rules:

1. Wear goggles any time chemicals, heat, or glassware are used by you or by someone nearby. No exceptions!
2. Know the location and operating procedures for all safety equipment including the first aid kit, emergency eyewash/shower and fire extinguisher. Know where the exits are.
3. Know what to do if there is a fire drill or other emergency drill during laboratory. Make sure any electrical equipment or gas valve is off before leaving your laboratory station.
4. Notify your instructor IMMEDIATELY of ANY unsafe conditions, accidents, breakage, spills, and injuries, no matter how minor. Never handle broken glass or spills yourself.
5. Be prepared for your work in the laboratory by reading through procedures or planning out and getting teacher approval for any experiments.
6. Dress properly for a laboratory experiment. Long hair, dangling jewelry, baggy clothes and sandals are a hazard in the laboratory. Tie back hair, remove jewelry, and fasten clothing close to your body. Shoes must cover the foot.
7. Keep food, drink, and chewing gum out of the laboratory. Do not eat, drink, or chew gum in the laboratory.
8. September 149/12/14 Behave responsibly at all times in the laboratory. Do NOT engage in horseplay.
9. Follow all written and verbal instructions carefully. If you do not understand a direction, ask your teacher before continuing.
10. Only work in the laboratory when a teacher is present.
11. Stay with your experiment. Do not leave your equipment and chemicals unattended.
12. Only touch equipment, chemicals, and other laboratory materials when instructed to do so.
13. Perform only experiments approved by your instructor. Unauthorized experiments are prohibited.
14. Use materials and equipment provided by your teacher or with teacher permission. Do not open storage cabinets or preparatory rooms without teacher approval.
15. Keep your laboratory area clean and tidy both during and after your work. Keep aisles clear.
16. Remove electrical plugs by grasping the plug, not the cord. Do not use equipment with frayed cords or exposed wires. Report these to your teacher.
17. Use extreme caution when using a hot plate or gas burner. Never reach across a flame or bring a flammable substance near the flame. Wait for objects to cool before touching with your bare hands. Never leave a lit burner unattended.
18. Wash your hands with soap and water after performing experiments. Clean your lab area and equipment.



### **Chemical Related:**

19. Read labels twice and set up equipment carefully.
20. Take only the amount of chemical required for the experiment. Do not return unused chemicals to their original containers.
21. NEVER remove chemicals or other materials from the laboratory.
22. Do not touch, taste, or smell any chemicals unless instructed to do so.
23. Follow the safe procedures for handling chemicals and equipment as instructed by your teacher.

For example:

- While heating the contents of a test tube, point the opening away from yourself and others.
  - Examine glassware before use. Never use broken, chipped, or dirty glassware.
  - Never look into a container that is being heated.
24. Keep hands away from your face, eyes, mouth, and body when using chemicals.
  25. Dispose of chemicals as instructed. Sinks are only for water and solutions your teacher approves. Check the labeling of waste containers before adding your chemical waste.
  26. Wear gloves and/or aprons when instructed by your teacher.
  27. Contact lenses should not be worn in the laboratory unless you have permission from your teacher.

### **Biology Related:**

28. Handle all living materials used in the laboratory in a humane manner.
29. Do not remove living specimen from the classroom.
30. Assume that microorganisms, like bacteria, might be harmful. Avoid direct contact with a bacteria culture and wash your hands after handling them. If a classmate gets cut, do not touch his/her blood.
31. Always carry a microscope with two hands. Hold the arm with one hand and place the other hand under the base.
32. When using sharp instruments, always carry with tips pointing down and sharp edge pointing behind you. Always cut away from your body, not towards it.



## Student Laboratory Safety Contract

*No student will be permitted to perform laboratory activities unless this contract is signed by both the student and parent/guardian and is on file with the teacher.*

**Student:**

I, \_\_\_\_\_, read and understand the lab safety rules contained in the document Minneapolis Public Schools Student Laboratory Safety Contract and I agree to follow these rules at all times.

I am aware that any violation of this contract that results in unsafe conduct in the laboratory or misbehavior on my part may result in being removed from laboratory, detention, receiving a failing grade, or dismissal from the course.

I understand these rules are meant to:

1. Create the best possible environment for learning
2. Provide for the safety of all students and staff
3. Prevent the destruction of costly laboratory equipment and supplies.

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Do you wear contact lenses?  YES  NO

Are you color blind?  YES  NO

Do you have allergies?  YES  NO

If so, list specific allergies \_\_\_\_\_

**Parent:**

I have read the list of safety rules above. I am aware of the steps taken to ensure safety of my son/daughter in the science classroom. I will instruct my son/daughter to uphold his/her agreement to follow these rules and procedures in the laboratory.

Parent Signature \_\_\_\_\_ Date \_\_\_\_\_