

# Science Safety Contract

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## PREPARE FOR LABORATORY WORK

1. Study laboratory procedures prior to class. Read it carefully.
2. Never perform unauthorized experiments.
3. Be sure to read all labels carefully and be sure to label your material when appropriate.
4. Know how to use the safety shower, eye wash, fire blanket and first aid kit.
5. In the event of a fire or evacuation drill, shut off all equipment and close all containers.
6. If you do not understand a part of the lab or how to use a piece of equipment, or if you have any concerns regarding your safety, inform the teacher.



## BEHAVE SAFELY

7. No horseplay, running, practical jokes, etc.
8. Do not sit on the lab counters; if you are at the lab stations, you need to stand.
9. Keep your lab bench and isles organized and free of apparel, books, chairs, and other clutter.
10. Watch your experiment at all times, especially when working with chemicals.

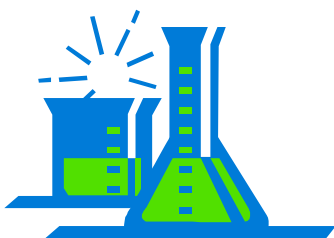
## DRESS FOR LABORATORY WORK

11. Tie back long hair.
12. Do not wear loose sleeves, baggy clothes, or dangling jewelry as they tend to get in the way.
13. Wear close toed shoes.
14. Wear safety goggles during all laboratory sessions. The teacher will provide goggles for you or you may buy your own. You may use any kind of goggles that cover your eyes from all sides.
15. Wear gloves when using chemicals that irritate or can be absorbed through skin. These will also be provided by the teacher.



## AVOID CONTACT WITH CHEMICALS

16. Never taste or "sniff" chemicals. Waft chemicals instead of sniffing.
17. Never draw materials in a pipette with your mouth.
18. When heating substances in a test tube, point the mouth away from people.
19. Never carry dangerous chemicals or hot equipment near other people.
20. NEVER eat or drink in the lab.



## AVOID HAZARDS

21. Keep combustibles away from open flames.
22. Use caution when handling hot glassware. Use tongs or heat resistant gloves to handle.
23. When diluting acid, always add acid slowly to water. Never add water to acid.
24. Turn off burners when not in use.
25. Do not bend or cut glass unless appropriately instructed by teacher.
26. If the glassware you are using is broken/chipped, power cords are frayed, or other equipment looks damaged, inform the teacher immediately!



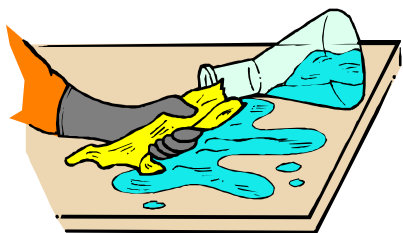
27. Keep caps on reagent bottles. Never switch caps.
28. When using sharp equipment, cut away from your body, do not point the tips toward any person, and never try to catch the equipment if it falls.

## CLEAN UP

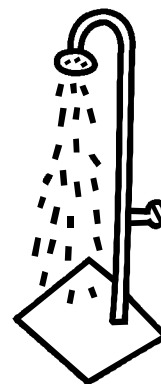
29. Consult teacher for proper disposal of chemicals.
30. Never clean up broken glass with your bare hands, use a brush and dust pan.
31. Wash hands thoroughly following experiments.
32. Leave laboratory bench clean and neat.

## IN CASE OF ACCIDENT

33. Report all accidents and spills immediately to the teacher.
34. Place broken glass in designated containers.



35. Wash all acids and bases from your skin immediately with plenty of running water. If they get on your clothes, you must wash in the chemical shower for 20 minutes.



36. If chemicals or other substances get in your eyes, wash them for at least 20 minutes with an eyewash.

37. If you or anyone else gets cut, tell the teacher, do not go into the first aid kit, as you may not know what to put on the cut.
38. If any person catches on fire, smother it with the fire blanket.
39. If an object catches on fire, you may use the fire blanket or fire extinguisher (never use a fire extinguisher on a person!)
40. Remember, even if an accident happens, ALWAYS WALK in the lab, running may cause another accident to happen!

**NO STUDENT MAY PARTICIPATE IN LAB ACTIVITIES UNLESS THIS CONTRACT IS SIGNED BY BOTH THE STUDENT AND THE PARENT!!!**

I, \_\_\_\_\_, have read and understand the safety rules of Mr. Jackson's class. I also understand that if I break any of these rules I may be prohibited from doing lab activities in Mr. Jackson's class, I will be assigned book work to make up for lab activities. Furthermore, I agree to:

- Follow the teachers instructions,
- Protect my own as well as others' eyes, face, hands and body during laboratory,
- Conduct myself in a responsible manner at all times in the laboratory, and abide by all of the safety regulations specified above.
- Follow all safety rules on this contract

\_\_\_\_\_  
*Student Signature*

\_\_\_\_\_  
*Date*

I, \_\_\_\_\_, have read and understand Mr. Jackson's Science Safety rules and the consequences of these rules. I understand the measures being taken to ensure the safety of your child in the lab.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Parent's (Guardian's) Signature

\_\_\_\_\_  
Date