

Safety Contract

For Mrs. Chiu's Physical Science Class

Science Laboratory Rules and Regulations

1. Conduct yourself in a responsible manner at all times in the laboratory. Frivolous activities, mischievous behavior, throwing items, and conducting pranks are prohibited.
2. Always get your teacher's permission to begin any activity in the lab.
3. Read all directions for an experiment before beginning the activity. Carefully follow all written and verbal instructions as directed by your teacher. If you have questions, ask your teacher.
4. Be sure you understand *all* safety symbols included in the procedures. See worksheet in notebook)
5. Use the safety equipment provided for you. Safety goggles and a lab apron must be worn when indicated in the lab.
6. Do only the experiments assigned or approved by your teacher.
7. Never eat or drink in the lab. Never inhale chemicals. Do not taste any substance or draw any material into your mouth.
8. No playing, running, pushing, or loud talking are permitted during an experiment.
9. Never use lab glassware as containers for food or drink.
10. If you spill any chemical, quickly wash it off with water. Report the spill to your teacher immediately.
11. Never force glass tubing or a thermometer into a rubber stopper or rubber tubing. Have your teacher insert the glass tubing or thermometer.
12. Keep all materials that can burn away from flames. Never reach across an open flame!
13. When heating a test tube, always point the mouth of the test tube away from yourself and others. Chemicals can splash or boil out of heated test tubes.
14. Never bend over and directly smell gas to sniff a gas. Your teacher will demonstrate a safe technique used by chemists to smell an unknown sample when they suspect an invisible gas may be produced. The technique is called wafting.
15. Do not pick up a container that has been heated until you are sure it has cooled. Hold the back of your hand near the heated container. If you can feel the heat on the back of your hand, then it is too hot to handle. Use an oven mitt.
16. Never heat a liquid in a closed container. The expanding gases could blow the lid off the container, or blow the container apart.
17. Always turn off all burners and disconnect electrical devices.
18. Clean up your work area and return all equipment to its proper place.
19. Dispose of chemicals and other materials as directed by your teacher. Place broken glass and solid substances in the proper containers. To avoid contamination, never return

chemicals to their original containers. Never pour untreated chemicals or other substances into the sink or trash containers.

20. Wash your hands after every experiment.

21. Always report all accidents or injuries to your teacher, no matter how minor. Notify your teacher immediately about any fires

I have read the above science laboratory rules and regulations, and I agree to follow them during any science course, investigation, or activity. I acknowledge that these rules are necessary to prevent accidents and to ensure my own safety and the safety of others around me. I will follow any additional instructions given by my instructor. I understand that I may ask my instructor at any time about the rules and regulations if they are not clear to me. My failure to follow these science laboratory rules and regulations may result in discipline and loss of lab privileges.

Student Signature

Date

Parent/Guardian Signature

Date