

WODSS SCIENCE

SNC 2DI



LABORATORY SAFETY RULES

1. Maintain a serious attitude at all times. Horseplay will not be tolerated (no squirting liquids, throwing objects, pushing or poking others, etc.)
2. Always follow directions carefully. Use only those materials and amounts specified. Do not make any changes to the procedure without the permission of your teacher.
3. Listen to the teacher during the pre-lab discussion. Make sure you understand the procedure **before** you start the experiment.
4. Ask for help when unsure about a procedure.
5. Always read the labels on containers of chemicals three times (when retrieving, before using, and again when returning).
6. Never taste or smell chemicals unless directed to do so by the teacher.
7. Do not touch chemicals with your hands. If any part of your body does come in contact with a chemical, wash the area immediately and thoroughly with water.
8. The most common injuries are burns. Remember that hot glassware may look the same as glassware at room temperature. Use tongs to handle hot containers.
9. In case of an accident, no matter how minor, report it to the teacher immediately.
10. Learn the location of all emergency equipment (fire extinguisher, fire blanket, eyewash station, fire exits).
11. Never use cracked glassware. Dispose of broken glassware in marked container only!
12. Dispose of all materials as instructed by the teacher. Never return unused chemicals to the original stock container.
13. Never use a spatula or scoopula for more than one chemical, and always return it to its original container.
14. When heating test tubes, clamp them near the top of the tube. Always point the open end away from any other person or group.
15. Do not clutter the laboratory tables or desktop. Put equipment away as soon as you have finished with it.
16. Wash all glassware thoroughly after using it. Put glassware away upside down to drain.
17. Wash hands thoroughly after handling chemicals and performing dissections.
18. Dress appropriately for labs:
 - a. Tie back loose clothing and long hair
 - b. No open toed shoes
 - c. Safety goggles must be worn during dissections and when using chemicals



CONTRACT FOR USE OF THE LABORATORY

I have read and am familiar with the rules for safety in the laboratory and pledge myself to obey these rules at all times. I understand that if I do not adhere to these rules, I may lose any laboratory privileges for the rest of the school year.

Name (print): _____ **Signature:** _____ **Date:** _____

I have read all the rules and talked to my child about the importance of safety in the lab

Parent's Name (print): _____ **Signature:** _____ **Date:** _____

Lab Safety

Complete the following chart.

| Hazard | Precautions | Safety Device | Location |
|--------------|--|-------------------------|----------|
| Fire | <ul style="list-style-type: none"> • Tie back _____ and _____ • Avoid contact with hot equipment • Avoid sudden movements | Fire extinguisher | |
| | | Emergency exit | |
| | | Fire alarm pull station | |
| | | Fire blanket | |
| Splashes | <ul style="list-style-type: none"> • Wear _____ • Wear an apron • Avoid sudden movements | Safety goggles | |
| | | Eye wash station | |
| Broken Glass | <ul style="list-style-type: none"> • Keep glass containers away from counter edges • Use test tube racks • Avoid sudden movements | Broken glass disposal | |
| | | First aid kit | |

Circle at least ten safety rules that are being ignored in the science lab below:

