

Science 10 – Safety Rules

A. Classroom

1. Do not bring food or drinks into the laboratory unless you have permission from Mr. Harwood.
2. Always read and make sure you understand the lab and the potential safety hazards before starting your lab.
3. Do not work in the laboratory when you are unsupervised. Do not perform unauthorized investigations – never mix, touch, taste, heat or inhale chemicals unless you are told to do so by your teacher. When required to smell a substance, use the wafting technique.
4. Do not use chipped, cracked, or broken glassware. Inform your teacher and dispose of glassware in containers provided.
5. Keep all work surfaces and equipment clean. Report any broken equipment or areas that are not clean to your teacher. Lab equipment must not be removed from the classroom.
6. When you conclude your work in the lab, make sure that your work surface is clean and dry and that all materials are returned to their proper place.
7. Wash your hands with soap and water after working in the lab.
8. Inform your teacher if you have any allergies, medical conditions, or other physical conditions.
9. Inform your teacher if you wear contact lenses or hearing aids.
10. Report all accidents to your teacher, regardless of severity.
11. Wear safety goggles and apron when required.
12. Be aware of others during activities and labs. Make room for others and complete all activities at your own lab bench.
13. Pull the plug, not the cord when unplugging electrical equipment.
14. Handle hot objects carefully. Point the open end of a container that is being heated away from yourself and others. Do not allow a container to boil dry.

B. Make sure you know where the following are:

1. Fire alarm pull
2. Fire alarm extinguisher
3. Fire blanket
4. Broken glass container
5. Eye wash station
6. Emergency exit # 1
7. Emergency exit #2



C. What should you do when there's a fire/ fire drill?

- Line up at the door
- Follow the teacher out the nearest exit and out of the school
- The last person to leave the classroom should close the door
- Line up behind your teacher in the field
- Wait until attendance has been taken and instructions are given

D. Safe Practice in the Lab

1. What should you do if there's a chemical spill at your desk?
 - Report it to the teacher
 - Ask the teacher for directions on how to clean that particular chemical up

2. What should you do if a chemical gets in your eyes?
 - DO NOT touch them
 - Rinse them with cool water for ~ 15 minutes

3. How should you dispose of chemicals?
 - DO NOT pour them back in the container they came from (you may contaminate the stock)
 - DO NOT pour them down the drain unless told to do so by the teacher
 - Ask the teacher how/where to dispose of them

4. What should you do when using a hot plate to heat glass containers?
 - Wear safety goggles
 - Use tongs/ gloves to pick up the hot container
 - Do not touch the hot plate
 - Drip water onto the plate to test if it has cooled down
 - If you get a burn, run cold water over it for ~ 10 minutes
 - Do not leave your hot plate on and unattended

5. What should you do when handling electrical cords and plugs
 - Pull the plug, not the cord
 - Make sure your hands are dry
 - Do not use equipment with stripped or frayed cords
 - Report all damaged cords/ plugs to the teacher

6. What do you think the "No Crowding Zone" rule means?
 - Work at your own bench
 - Do not crowd around others when working
 - Do not stand behind/ sneak up behind others in the lab
 - Respect each other's personal "bubbles"