

- 7. Heed all safety symbols and cautions written in the experimental investigations and handouts, posted in the room, and given verbally by your teacher.**
They are provided for a reason: YOUR SAFETY.
- 8. Know the proper fire-drill procedures and the locations of fire exits and emergency equipment.**
Make sure you know the procedures to follow in case of a fire or emergency.
- 9. If your clothing catches on fire, do not run; WALK to the safety shower, stand under it, and turn it on.**
Call to your teacher while you do this.
- 10. Report all accidents to the teacher immediately, no matter how minor.**
In addition, if you get a headache, feel sick to your stomach, or feel dizzy, tell your teacher immediately.
- 11. Report all spills to your teacher immediately.**
Call your teacher rather than trying to clean a spill yourself. Your teacher will tell you if it is safe for you to clean up the spill; if not, your teacher will know how the spill should be cleaned up safely.
- 12. Student-designed inquiry investigations, such as the Invention Labs in the *Laboratory Experiments* manual, must be approved by the teacher before being attempted by the student.**
- 13. DO NOT perform unauthorized experiments or use equipment and apparatus in a manner for which they are not intended.**
Use only materials and equipment listed in the activity equipment list or authorized by your teacher. Steps in a procedure should only be performed as described in the book or lab manual or as approved by your teacher.
- 14. Stay alert in the lab, and proceed with caution.**
Be aware of others near you or your equipment when you are about to do something in the lab. If you are not sure of how to proceed, ask your teacher.
- 15. Horseplay and fooling around in the lab are very dangerous.**
Laboratory equipment and apparatus are not toys; never play in the lab or use lab time or equipment for anything other than their intended purpose.
- 16. Food, beverages, chewing gum, and tobacco products are NEVER permitted in the laboratory.**
- 17. NEVER taste chemicals. Do not touch chemicals or allow them to contact areas of bare skin.**
- 18. Use extreme CAUTION when working with hot plates or other heating devices.**
Keep your head, hands, hair, and clothing away from the flame or heating area, and turn the devices off when they are not in use. Remember that metal surfaces connected to the heated area will become hot by conduction. Gas burners should only be lit with a spark lighter. Make sure all heating devices and gas valves are turned off before leaving the laboratory. Never leave a hot plate or other heating device unattended when it is in use. Remember that many metal, ceramic, and glass items do not always look hot when they are hot. Allow all items to cool before storing.
- 19. Exercise caution when working with electrical equipment.**
Do not use electrical equipment with frayed or twisted wires. Be sure your hands are dry before using electrical equipment. Do not let electrical cords dangle from work stations; dangling cords can cause tripping or electrical shocks.
- 20. Keep work areas and apparatus clean and neat.**
Always clean up any clutter made during the course of lab work, rearrange apparatus in an orderly manner, and report any damaged or missing items.
- 21. Always thoroughly wash your hands with soap and water at the conclusion of each investigation.**