Safety Rules

Nume:

Date:

Period:

- 1. Give your teacher your complete attention when listening to instructions. Follow instructions carefully.
- Learn the location and proper use of the safety equipment available to you, such as safety goggles, fire extinguishers, fire blankets, eye-wash fountains, etc. Find out the location of the nearest fire alarm.
- 3. Inform your teacher of any allergies, medical conditions, other physical problems you may have. Tell your teacher if you wear contact lenses.
- 4. Read through the entire activity before you start. Before beginning any step, make sure you understand what to do. If you don't understand... ASK!
- 5. Do not begin any activity until you are instructed to do so.
- 6. Clear the lab bench of all materials except those you will be using in the activity. Books, etc. go under the bench or at the side of the classroom.
- 7. Wear appropriate clothing and closed shoes during lab activities. Tie long hair back.
- 8. Wear safety goggles when using chemicals and when heating materials.
- 9. Do not taste or touch any materials unless you are asked to do so by your teacher.
- 10. Do not chew gum, eat, or drink in the lab.
- 11. Do not rock or lean on lab stools.
- 12. Do not run or play games in the lab.
- 13. Do not throw any objects, including paper.
- 14. Carry lab equipment, containers of chemicals, and glassware carefully.
- 15. Label all containers. When taking something from a bottle/container, double-check the label to be sure it is what you need.
- 16. Stand up while working with chemicals.
- 17. If any of your body comes in contact with a chemical or specimen, wash the area immediately and thoroughly with water. If your eyes are affected, do not touch them! Rinse them immediately and continuously with water and inform your teacher.
- 18. Handle all chemicals carefully. When you are asked to smell a chemical, use the "wafting" technique. Never put a chemical close to your nose!
- 19. Hold containers AWAY from your face when pouring liquids.
- 20. Place test tubes in a rack before pouring liquids into them. If you must hold a test tube, point it away from you before pouring.
- 21. Clean up any spilled water, chemicals, etc. immediately, following your teacher's instructions.

- 22. Do NOT return any unused chemicals to original containers. Do NOT pour them down the drain.

 Dispose of chemical as instructed by your teacher.
- 23. When heating materials, use tongs or hand protection if required. If you burn yourself, immediately apply cold water.
- 24. When heating glassware, make sure it is not broken or cracked. Always keep the open end pointed AWAY from yourself and others. Use a test tube holder to heat a test tube over a flame. Move it gently through the flame so the heat is distributed evenly.
- 25. Always unplug electrical cords by pulling on the plug, not the cord. Report any frayed/damaged cords to your teacher.
- 26. Make sure cords are not placed where someone can trip over them.
- 27. Place broken or waste glass only in specially marked containers.
- 28. Report to your teacher: ALL accidents (no matter how minor) or broken equipment.
- 29. Shut of gas/equipment when not in use. Be ready to shut these off if an accident occurs.
- 30. After each experiment ensure that:
 - the gas and water taps are off.
 - the sink is empty and clean.
 - Your table is clean and dry.
 - Your equipment is clean, dry and put away properly.
- 31. Wash your hands using soap and water after working in the science lab.
- 32. Do not take any equipment, materials, or chemicals out of the lab.
- 33. Do not practice lab experiments at home unless directed to do so.
- 34. When using Bunsen burners:
 - Secure loose clothing/jewelry. Tie hair back.
 - Do not heat flammable material (e.g. alcohol) over the Bunsen burner.
 - Make sure there are no flammable materials nearby.
 - Do not leave a lighted Bunsen burner unattended.
 - * Always turn off the gas at the valve, not at the base of the Bunsen burner.

35. If fire occurs:

- Remain calm
- Notify your teacher immediately.
- Shut off gas valves.
- Pull fire alarm.
- Follow your teacher's instructions.
- If your clothing is on fire, stop-drop-and-roll.
- If another student is on fire, use the fire blanket to smother the fire.
- Do not throw water on a chemical fire.
- If the fire is not easily put out, leave the building.

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