

Student Safety Contract

The laboratory is a safe place to work and learn if you, the student, are careful. You must assume responsibility for your own safety and for the safety of your classmates. The safety rules listed below will help you protect yourself and others from injury.

Safety Rules

1. Do not perform activities that are unauthorized. Always obtain your teacher's permission.
2. Study your assignment. If you are in doubt about any procedure, ask your teacher for help.
3. Use the safety equipment provided for you. Know the location of the fire extinguisher, safety shower, fire blanket, first aid kit, phone, fire alarm, and the nurse.
4. Safety glasses and safety apron should be worn when any activity calls for heating, pouring, or mixing chemicals.
5. Report any accident, injury, or incorrect procedure to your teacher at once.
6. Smother fires with a towel. If clothing should catch fire, smother it with a blanket or coat or quench under a safety shower. NEVER RUN.
7. Handle chemicals and bend glassware only under the direction of your teacher. If you spill acid or another corrosive chemical, wash it off immediately with water. Never taste any chemical substance or draw poisonous materials into a glass tube with your mouth. Never inhale chemicals. Keep combustible materials away from open flames.
8. Place broken glass and solid substances in designated containers. Keep insoluble waste material out of the sink.
9. When your activity is completed, be sure to turn off the water and gas and disconnect electrical connections. Clean your work area. Return all materials to their proper places.

First Aid

Injury	Safe Response
Burns	Flush with water. Call your teacher immediately.
Cuts and bruises	Follow the instructions in the first aid kit. Report to the school nurse.
Fainting or collapse	Provide the person with fresh air. Have the person recline so that their head is lower than their body. Call your teacher. A nurse or doctor may be needed to provide artificial respiration.
Fire	Wrap the person in fire blanket. Extinguish all flames.
Foreign matter in eye	Flush with plenty of water. Use eyewash bottle or fountain.
Poisoning	Note the suspected poisoning agent and call your teacher.
Severe bleeding	Apply pressure or a compress directly to the wound and get medical attention.
Spills on skin acid spills base spills	Flush with water or use safety shower. Apply baking soda and call your teacher. Apply boric acid and call your teacher.

Safety Pledge

I, _____, have read and understand the safety rules and first aid information listed above. I recognize my responsibility and pledge to observe all safety rules in the science classroom at all times.

signature

date

Scientific Lab Equipment

Use the terms from the following list to label the tools that you as a scientist might use in the laboratory.

scissors
balance
graduated cylinder
thermometer
beaker
safety goggles

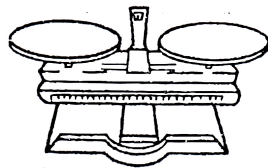
microscope
flask
metric ruler
dropper
Bunsen burner
test tube

microscope slide
test tube holder
tongs
test tube rack
petri dish
hand lens

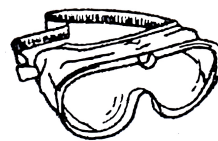
cover slip
dissecting pan
dissecting needle
forceps
dissecting pin
scalpel



1. _____



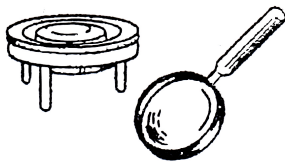
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3. _____



4. _____



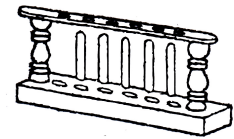
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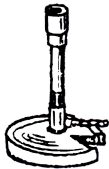
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7. _____



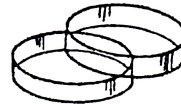
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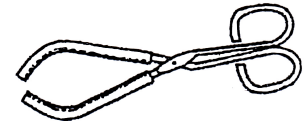
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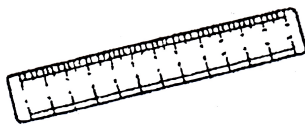
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11. _____



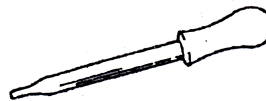
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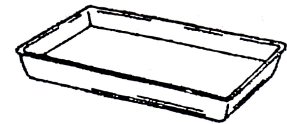
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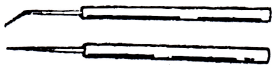
14. _____



15. _____



16. _____



17. _____



18. _____



19. _____



20. _____



21. _____



22. _____



23. _____



24. _____