

# Safety Contract

## Science

### PURPOSE

Science is a hands-on learning experience. You will be participating in many laboratory activities, so safety is the #1 priority for all. Therefore, two copies of this safety contract listing the rules that must be followed at all times have been provided. The first copy is to be signed by both you and a parent/ guardian and returned to me and the second is to be kept with you in your notes for this class.

### GENERAL RULES

1. Conduct yourself in a responsible manner at all times.
2. Follow all written and verbal instructions carefully. If you do not understand a direction or part of a procedure, ask the teacher before proceeding.
3. Never work alone. No student may work on an activity without an instructor present.
4. When first entering a science room, do not touch any equipment, or other materials until you are instructed to do so.
5. Do not eat food, drink beverages, or chew gum in the class during an activity. Do not use laboratory glassware as containers for food or beverages.
6. Perform only those experiments authorized by the teacher.
7. Read all procedures thoroughly before beginning.
8. Never fool around in the classroom during an activity. Horseplay, practical jokes, and pranks are dangerous and prohibited.
9. Observe good housekeeping practices. Work areas should be kept clean and tidy at all times.
10. Keep aisles clear. Push your chair under the desk when not in use.
11. Know the locations and operating procedures of all safety equipment including the first aid kit, eyewash station, fire extinguisher, and fire blanket.
12. Know where the fire alarm and the exits are located.
13. Sinks are to be used only for water and those solutions designated by the teacher. Metals, matches, filter paper, and all other insoluble materials are to be disposed of in the proper waste containers, not in the sink.
14. Labels and equipment instructions must be read carefully before use.
15. Keep hands away from face, eyes, mouth and body while using chemicals or preserved specimens. Wash your hands with soap and water after performing all experiments. Clean all work surfaces and apparatus at the end of the experiment. Return all equipment clean and in working order to the proper storage area.
16. Students are never permitted in the science storage rooms or preparation areas unless given specific permission by their teacher.
17. Know what to do if there is a fire drill during a laboratory period; containers must be closed, and any electrical equipment turned off.
18. When using knives and other sharp instruments, always carry with tips and points pointing down and away. Always cut away from your body. Grasp sharp instruments only by the handles.
19. If you have a medical condition (e.g., allergies, etc.), check with your physician prior to working in lab.
20. Any time chemicals, heat, or glassware are used, students will wear laboratory goggles. There will be no exceptions to this rule!
21. Dress properly during a laboratory activity. Long hair, dangling jewelry, and loose or baggy clothing are a hazard in the laboratory. Long hair must be tied back and dangling jewelry and loose or baggy clothing must be secured. Shoes must completely cover the foot.
22. Report any accident (spill, breakage, etc.) or injury (cut, burn, etc.) to the instructor



# Safety Contract

## Science

immediately, no matter how trivial it may appear.

23. If a chemical splashes in your eye(s) or on your skin, immediately flush with running water from the eyewash station or safety shower for at least 20 minutes. Notify the instructor immediately.

24. All chemicals in the laboratory are to be considered dangerous. Do not touch, taste, or smell any chemicals unless specifically instructed to do so. The proper technique for smelling chemical fumes will be demonstrated to you.

25. Check the label on chemical bottles twice before removing any of the contents. Take only as much chemical as you need.

28. When transferring reagents from one container to another, hold the containers away from your body.

30. Handle flammable hazardous liquids over a pan to contain spills. Never dispense flammable liquids anywhere near an open flame or source of heat.

31. Never remove chemicals or other materials from the laboratory area.

32. Never handle broken glass with your bare hands. Use a brush and dustpan to clean up broken glass. Place broken or waste glassware in the designated glass disposal container.

34. When removing an electrical plug from its socket, grasp the plug, not the electrical cord. Hands must be completely dry before touching an electrical switch, or plug.

35. Never use chipped or cracked glassware. Never use dirty glassware.

36. Report damaged electrical equipment immediately.

37. If you do not understand how to use a piece of equipment, ask the teacher for help.

38. Do not immerse hot glassware in cold water; it may shatter.

### QUESTIONS

1. Do you wear contact lenses? YES NO
  2. Are you color blind? YES NO
  3. Do you have allergies? YES NO
- If so, list specific allergies \_\_\_\_\_

### AGREEMENT

I, \_\_\_\_\_, (student's name) have read and agree to follow all of the safety rules set forth in this contract. I realize that I must obey these rules to ensure my own safety, and that of those around me. I will cooperate to the fullest extent with my teacher and fellow students to maintain a safe lab environment. I will also closely follow the oral and written instructions provided by the teacher. I am aware that any violation of this safety contract that results in unsafe conduct in the laboratory or misbehavior on my part, may result in being removed from the classroom, detention, and/or receiving a failing grade.

Student Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Dear Parent or Guardian:

We feel that you should be informed regarding the school's effort to create and maintain a safe science classroom/laboratory environment. You should be aware of the safety instructions your son/daughter will receive before engaging in any laboratory work. Please read the list of safety rules above. No student will be permitted to perform laboratory activities unless this contract is signed by both the student and parent/guardian and is on file with the teacher. Your signature on this contract indicates that you have read this Safety Contract, are aware of the measures taken to ensure the safety of your son/daughter in the science laboratory, and will instruct your son/ daughter to uphold his/her agreement to follow these rules and procedures in the laboratory.

Parent/Guardian Signature: \_\_\_\_\_

Date: \_\_\_\_\_

\*Safety Contract modeled after Flinn Scientific's example contract

