

Hydroponics Safety Contract

1. Conduct yourself in a responsible manner at all times in the laboratory.
2. Follow all written and verbal instructions carefully. If you do not understand a direction or part of a procedure, ASK YOUR TEACHER BEFORE PROCEEDING WITH THE ACTIVITY.
3. Perform only those experiments authorized by your teacher. Carefully follow all instructions, both written and oral. Unauthorized experiments are not allowed.
4. Do not eat food, drink beverages, or chew gum in the laboratory. Do not use laboratory glassware as containers for food or beverages.
5. Be prepared for your work in the laboratory. Never fool around in the laboratory. Horseplay, practical jokes, and pranks are dangerous and prohibited.
6. Observe good housekeeping practices. Work areas should be kept clean and tidy at all times.
7. Be alert and proceed with caution at all times in the laboratory. Notify the teacher immediately of any unsafe conditions you observe.
8. Dispose of all chemical waste properly. Never mix chemicals in sink drains. Sinks are to be used only for water. Check with your teacher for disposal of chemicals and solutions.
9. Labels and equipment instructions must be read carefully before use. Set up and use the equipment as directed by your teacher.
10. Keep hands away from face, eyes, mouth, and body while using chemicals or lab equipment. Wash your hands with soap and water after performing all experiments.
11. Experiments must be personally monitored at all times. Do not wander around the room, distract other students, startle other students or interfere with the laboratory experiments of others.
12. Know the locations and operating procedures of all safety equipment including: first aid kit(s), and fire extinguisher. Know where the fire alarm and the exits are located.
13. Know what to do if there is a fire drill during a laboratory period; containers must be closed, and any electrical equipment turned off.

CLOTHING

14. Any time Hydr-Ox is used, students will wear safety goggles. NO EXCEPTIONS TO THIS RULE!
15. 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 baggy clothing must be secured.
16. A lab coat or smock should be worn while transporting nutrient water.
17. Sunglasses may be worn in the lab to protect eyes from the high intensity lights

ACCIDENTS AND INJURIES

18. Report any accident (spill, breakage, etc.) or injury (cut, burn, etc.) to the teacher immediately, no matter how trivial it seems.
19. If you or your lab partner is hurt, immediately (and loudly) yell out the teacher's name to get the teacher's attention.
20. If a chemical should splash in your eye(s) or on your skin, immediately flush with running water for at least 20 minutes. Immediately (and loudly) yell out the teacher's name to get the teacher's attention.

HANDLING CHEMICALS

21. All chemicals in the laboratory are to be considered dangerous. Avoid handling chemicals with bare hands. Do not taste, or smell any chemicals.
22. Check the label on all chemical bottles twice before removing any of the contents. Take only as much chemical as you need.
23. Never return unused chemicals to their original container.
24. Never remove chemicals or other materials from the laboratory area.

HANDLING GLASSWARE AND EQUIPMENT

25. Never handle broken glass with your bare hands. Use a brush and dustpan to clean up broken glass. Place broken glass in the designated glass disposal container.
26. Examine glassware before each use. Never use chipped, cracked, or dirty glassware.
27. If you do not understand how to use a piece of equipment, ASK THE TEACHER FOR HELP!

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 insure my own safety, and that of my fellow students and teachers. I will cooperate to the fullest extent with my instructor and fellow students to maintain a safe hydroponics lab environment. I will also closely follow the oral and written instructions provided by the instructor. 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 my being removed from the lab classroom, detention, receiving a failing grade, and/or further disciplinary action.

Student signature

Date

Dear Parent or Guardian:

We feel that you should be informed regarding our efforts to create and maintain a hydroponic laboratory environment. With the cooperation of the teachers, parents, and students, a safety instruction program can eliminate, prevent, and correct possible hazards. You should be aware of the safety instructions your son or 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 Student Safety Contract, are aware of the measures taken to insure the safety of your student in the science laboratory, and will instruct your student to uphold his or her agreement to follow these rules and procedures in the laboratory.

Parent/Guardian signature

Date