

Student Chemistry

Laboratory Safety Agreement

In order to conduct safe and effective laboratory activities, all students must follow proper laboratory procedures.

Please initial each item and sign where indicated.

General Rules

1. Prepare for the lab by reading the instructions and safety information ahead of time. _____
2. Always stay on task—don't fool around in the lab. No horseplay, pranks, or practical jokes. _____
3. Follow all verbal and written instructions given by the instructor. _____
4. Never work in the lab unsupervised or perform unauthorized or unapproved experiments. _____
5. Do not eat, drink, apply cosmetics, manipulate contact lenses, or chew gum in the lab. _____
6. Keep work areas tidy. Keep aisles and exits clear, and move backpacks, jackets, and other personal items out of the way of lab work. _____

Personal Safety

1. Wear approved eye protection properly **at all times** while you perform lab work. _____
2. Wear any additional safety equipment (aprons, gloves, etc.) as directed by the instructor. _____
3. Wear closed-toe shoes, tie back long hair, avoid loose or baggy clothing, and avoid short skirts or shorts while performing lab work. _____
4. Report all accidents, spills, or injuries to the instructor immediately. _____
5. Know how to use all classroom safety equipment and its location. _____
6. Know the location of the nearest exit. _____
7. Wash hands thoroughly with soap and water after handling any laboratory materials. _____

Laboratory Safety

1. Consider all lab chemicals and specimens to be dangerous. Do not touch, smell, or taste any chemicals or specimens unless specifically instructed to do so. _____
2. Read the label on the bottles carefully before using chemicals. Be sure you're using the correct chemical at the correct concentration before removing it from the bottle. _____
3. Do not remove chemicals, specimens, equipment, or other supplies from the lab. _____
4. Follow proper procedures when operating a burner or heat source. Always turn the device off when not in use. _____
5. Place all used matches in a cup of water and dispose of them at the end of the class period. _____
6. Do not handle broken glass with bare hands. Use a brush and dustpan to clean up broken glass and place in a designated glass disposal container. _____
7. Dispose of all waste materials only as directed by the instructor. _____
8. Do NOT dispose of any solid down the drain. _____

(Continued on back)

Safe Chemistry Lab Techniques

1. To identify an odor, waft the odor toward your nose. _____
2. Add acid to water, NOT water to acid. _____
3. When heating a substance in a test tube, position the mouth of the test tube away from you and other classmates. _____
4. Do NOT use a thermometer as a stirring rod. _____
5. Place equipment that can roll (stirring rods, thermometers, etc.) in a basket or container to prevent breakage. _____
6. Use a clean spatula or spoon for every chemical to prevent contamination and unwanted reactions. _____
7. Use grounded electrical sockets. Unplug equipment by gripping the plug, NOT the cord. _____
8. Inform your teacher of equipment with bare or loose wires. _____
9. Keep electrical equipment away from water. _____
10. Know the location and proper use of water and gas shut-off valves. _____

Do you have allergies or other medical conditions that your instructor should be aware of?

Yes _____ No _____

If yes, please describe.

I have read and fully understand the rules, safety practices, and regulations governing my conduct in the science laboratory. I will abide by these rules to ensure my safety and the safety of all laboratory participants. I will follow all written and verbal instructions given by the instructor and ask questions if I do not understand a direction or procedure. I understand that violation of these rules may result in removal from the laboratory, removal from the science class, a lowered grade, or other consequences as determined by the instructor.

Student

Date