

Science Lab Safety Contract

A is a hands-on laboratory class. At times you will perform experiments that present the possibility of injury if performed carelessly. For that reason, you must always perform your work in a safe manner. To ensure a safe laboratory, the following rules and procedures must be followed at all times. Before any student can enter the laboratory, this safety contract must be read, and the student and parent must sign the agreement.

General Laboratory Rules:

- 1 Conduct yourself in a responsible manner at all times while in the laboratory. Horseplay, practical jokes and pranks are dangerous to you and your classmates and are not allowed.
- 2 Eye protection must be worn any time there is a possibility of injury to the eyes, or when directed by the teacher.
- 3 Never work alone while in the laboratory. A teacher must be present at all times.
- 4 Monitor your experiments at all times. You will be assigned a laboratory station. Do not wander around the room, distract other students, or interfere with the laboratory experiments of others.
- 5 Follow directions, both written and oral, carefully. If you do not understand a direction or procedure, ask the teacher before proceeding.
- 6 Do not eat food, drink beverages, or chew gum while in the laboratory area. Do not use laboratory glassware or other containers as containers for food or beverages.
- 7 Be prepared for the experiment before entering the laboratory.
- 8 Never perform any unauthorized experiments. Perform only those experiments authorized by the teacher. Do not touch any equipment, chemicals, or other materials in the laboratory area until instructed to do so.
- 9 The work area should be clean and tidy at all times. Notebooks and calculators only in work area. Other materials should be stored under your table. **Keep aisles clear.**
- 10 Do not sit, lean or walk on laboratory counters or tables.
- 11 Sinks are not intended waste disposal. Matches, paper towels and other solid waste shall be placed in the trashcans in the classroom.
- 12 Students are not permitted in the science storage room or preparation areas unless given specific permission.
- 13 Know the location and operating procedures of all safety equipment. Read all safety and operating instructions thoroughly before beginning an experiment.
- 14 Never handle broken glass with your bare hands. Use a dustpan and dispose of the broken glass in the proper container.
- 15 Keep your work area clean and tidy at all times. Return all equipment clean and in proper working order to the proper storage area as per instruction. If equipment is broken or not working properly report the problem to your teacher.
- 16 When using sharp instruments, always carry them with tips and points pointing down and away from your body. Always cut away from your body. Never try to catch a falling sharp object. Grasp sharp

instruments only by the handles.

- 17 Handle heavy objects carefully. If dropped on your feet they can cause injury.
- 18 Notify a teacher of any unsafe conditions you observe.
- 19 During an emergency remain quiet and orderly and follow the directions given by the teacher.
- 20 Know what to do if there is a fire drill during a laboratory period. Close all containers and gas valves, shut off running water, and disconnect electrical equipment. Exit the room in a quiet orderly manner.
- 21 Know the locations and operating procedures of all safety equipment including: eyewash, safety shower and fire blanket. These devices are to be used only during an emergency.

Clothing:

- 22 Students shall wear laboratory safety glasses whenever performing a laboratory activity involving chemicals or where flying objects can present a hazard. There will be no exceptions to this rule.
- 23 Loose clothing shall not be worn when conducting a laboratory activity.
- 24 Long hair must be tied back.
- 25 Open toed shoes are not permitted whenever performing a laboratory activity involving chemicals or heavy objects presenting a drop hazard. No exceptions, period.

Accidents and Injuries:

- 26 Report any accident, spill, or injury to the teacher immediately, no matter how trivial it may seem. This includes strains, sprains, bruises, cuts, foreign material in the eye, and any other such occurrence.
- 27 If a chemical should splash on your skin or in your eye, immediately flush with running water for twenty minutes. Have your partner notify the teacher.
- 28 When any thermometer is broken, the liquid must not be touched. Notify the teacher immediately.

Handling Equipment:

- 29 When removing an electrical plug from a socket, grasp the plug, not the cord. Your hands must be completely dry before touching any electrical equipment.
- 30 Report damaged electrical equipment immediately. Do not use damaged electrical equipment.
- 31 Place hot tools such as soldering irons in their stand when not in use.

Clean Up:

- 32 Clean and organize the lab bench. The lab should look the same at the completion of the lab as it did at the beginning.
- 33 Unplug all electrical equipment used during the laboratory activity.
- 34 Wash your hands thoroughly after performing experiments.
- 35 Allow adequate time for cleanup at the end of the class period. Ask your teacher to inspect your area before leaving the classroom. Do not leave without your teachers' approval.

Laboratory Safety Contract

Students name: _____ class: _____ period: _____

Student wears contact lenses: _____ YES _____ NO.

The wearing of contact lens is not recommended in the lab, however, if you do wear them advise your instructor.

I have received instruction and training as follows:		<u>Date Completed</u>	<u>Initial</u>
Section 1:	Student Laboratory Safety Contract	_____	_____
Section 2:	General Laboratory Safety	_____	_____
Section 3:	Laboratory Hazards/Hazard Assessment	_____	_____
Section 4:	Emergency Procedures	_____	_____

Agreement: I, _____, 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 teacher and my fellow students to maintain a safe laboratory environment. I will also closely follow all 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 laboratory, detention, receiving a failing grade, and/or dismissal from the course.

Students Signature

Date

Dear Parent or Guardian:

It is important that you be informed regarding the school's effort to create and maintain a safe science 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 on pages 1 and 2. No student will be permitted to perform laboratory activities unless this contract is signed by both the student and parent or guardian and is on file with the teacher.

If you have any questions or concerns please contact me either by telephone or email:

PatrickD@spokaneschools.org 509-354-6120 (classroom message phone)

Your signature on this contract indicates that you have read the Student Safety Contract, are aware of the measures taken to insure the safety of your son/daughter in the science laboratory, and will instruct your son/daughter to uphold his or her agreement to follow these rules and procedures in the laboratory.

Parent/Guardian Signature

Date