

STEM LAB SAFETY CONTRACT - 2025-26

Safety is the most important thing that we can teach you in the STEM Lab. While there are many pieces of equipment and machines which you can learn to use and prove useful in your activities in the lab, safety is what keeps you able to actually use them confidently. Proper safety allows us to use these machines to their best capacities. If you are diligent and follow instructions with care, machining operations can be safe and enjoyable. Safe work practices should become a force of habit.

In order to ensure the thorough understanding of our safety procedures, each student must pass a safety quiz, based on the STEM Lab Safety Procedure Handbook, which is located online at: (If you would like a printed copy, please ask either Mr. Lewon or Mr. Gronske for one.) Study all safety rules carefully and constantly apply them. When in doubt about any task, get help. Do not take chances.

Once passed, you will then have the opportunity to be safety trained and taught how to use any of the machines that you would like, 1-on-1, with an instructor. The STEM Lab is a privilege, and not a right. All students shall remain in compliance with the rules stated in the student handbook, and follow the safety procedures for the lab. Failure to do so will result in suspension from utilizing the STEM Lab.

GENERAL STEM LAB SAFETY

- *Keep the shop clean.* Scraps should be placed in the scrap bin. Never allow them to remain on the bench or floor.
- *Dress properly.* Avoid wearing loose fitting sweaters or clothing. Rings and other jewelry should be removed and stored in their STEM locker.
- *Wear appropriate safety gear.* In noisy areas, use hearing protection. Protect your lungs if you make any kind of dust. Disposable plastic gloves will protect your hands when using solvent based and water based finishes.
- *Always protect your eyes.* Safety glasses will be provided for you. Take no chances. Wear eye protection whenever working in the STEM Lab.
- *The shop is a place to work, not play.* Horse play is not acceptable.
- Secure help when moving heavy machine accessories or large pieces of wood stock.
- Do not use a piece of equipment unless you have been safety trained in its proper operation. Ask your instructor before you use any equipment or machines in the STEM Lab. Get additional help if you are not sure what must be done or how a task should be performed.
- Avoid operating a machine until all guards are in place.
- Properly secure all work such that it is stable and will not be pulled into the machine. Failure to do so will result in injury
- Stop the machine before making adjustments or measurements. Resist the urge to touch a surface that has been machined while the machine is running. Severe injury can result.
- Keep the floor around the machine clear of oil, wood chips and scraps.
- Do not talk to anyone while operating a machine. You might become distracted.
- Do not talk to distract somebody else while they are operating a machine. Injury may result.
- Never attempt to remove chips or scrap with your hands or while the machine is operating or powered on. The machine must be at a dead stop and you must use a brush or push stick.
- Secure prompt medical attention for any cut, bruise, scratch, burn or other injury. No matter how minor the injury may appear, report it to your instructor..

IN CASE OF FIRE

Memorize the location of fire extinguishers and building exits. Be aware of alternate escape routes. Proceed to the designated safe area.

I, _____ (clearly print student's name) have read, been instructed and agree to follow all of the safety rules set forth in this contract. This contract does not automatically give me permission to use the STEM Lab. In order to ratify the contract, I must also pass a safety quiz, which will be kept on record, after having read and gone over the STEM Lab Safety Procedure Handbook. I realize that I must obey all rules to insure my own safety, and that of my fellow students and instructors. I will cooperate to the fullest extent with my instructor and fellow students to maintain a safe shop 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 shop or misbehavior on my part, may result in being removed from the lab, suspension from using the lab, detention, and/or any other consequences deemed appropriate by my school administration..

Student Signature _____

Email _____

Date _____ Grade _____ HR _____

Emergency contact: Name _____ Phone(____) _____ - Email _____

Emergency contact: Name _____ Phone(____) _____ - Email _____

Dear Parent or Guardian: We feel that you should be informed regarding the school's effort to create and maintain a safe classroom/shop environment. With the cooperation of the instructor, parents, and students, a safety instruction program can eliminate, prevent, and correct possible hazards. You should be aware of the safety instructions your son/daughter will receive before engaging in any shop work. Please read the safety rules and handbook. No student will be permitted to work in the lab unless this contract is signed by both the student and parent/guardian, with the student passing a safety quiz, 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 son/daughter in the STEM Lab, and will instruct your son/daughter to uphold his/her agreement to follow these rules and procedures in the lab.

Parent/ Guardian Signature _____ **Date** _____
