

STEM Class Safety Contract

STEM Lab



Purpose

STEM classes complete many hands-on activity activities while investigating real world problems. These activities have potential hazards. We will use some equipment that may be dangerous if not handled properly. Safety in the lab environment is extremely important. To ensure a safe classroom, a list of rules has been developed and is called the STEM Class Safety Contract. These rules must be followed at all times. Additional safety instructions will be given for each activity.

No engineering student at STEM Lab will be permitted to participate in hands-on activities until this contract is signed by both the student and a parent or guardian.

Rules

1. Conduct yourself in a responsible manner at all times. Horseplay and practical jokes are a serious hazard in the lab; such behavior is not permitted.
2. Written and verbal instructions should be followed carefully. Ask your teacher questions if you do not understand the instructions.
3. Upon entering the engineering classroom, maker space, lego lab, or any other lab environment, students are not permitted to touch equipment or supplies until directed to do so.
4. Never eat, drink or chew gum in the lab environment unless expressly told to do so by the teacher.
5. Students leaving the lab environment for projects are expected to follow all school rules and conduct themselves in a manner that befits a responsible student of STEM Lab.
6. Consider all tools/equipment used in the lab to be dangerous. Do not touch or operate any equipment/tool unless you are properly trained to do so and you have been given permission from your teacher.
7. Keep hands away from rotating/reciprocating equipment to avoid accidents/injuries.
8. Safety goggles must be worn during activities that might be dangerous to the eyes. Wear an apron when directed to protect clothing. Do not remove protective equipment until directed to do so.
9. Refrain from wearing any article of clothing such as a loose sweater, dangling jewelry, or a scarf that hangs down that may get in contact with reciprocating or rotating tools.
10. Perform only authorized and approved activities. Do not conduct any activities while the teacher is out of the room.
11. Keep your work area and the lab neat and clean. Keep all additional materials under your chair or table and out of the walkways.
12. All work surfaces should be cleaned after each use. Follow your teacher's instructions for throwing away or putting away supplies.
13. All accidents (spill, breakage, etc.), injuries (cut, burn, etc.), or hazardous conditions (broken equipment) should be reported to the teacher immediately, no matter how minor.
14. Handle all glassware with care. Never pick up broken glassware. Notify the teacher immediately of any breakage.
15. Never open storage cabinets or enter the storage room without permission from the teacher.
16. Do not remove tools, equipment, or supplies from the lab without permission from the teacher.
17. Learn where the safety equipment is located and how to use it. Know where the exits are located and what to do in case of an emergency or fire drill.
18. Chromebooks, laptops, or any other technology that can be damaged by liquids, tools, or other equipment should be kept away from such liquids, tools, or equipment.

Tools that may be used: hot glue guns, X-acto knives, screwdrivers, hammers, drills, saws, pliers, wire cutters, jigsaws, 3D Printer.

Union Park School-Wide Prevention Program: MTSS/RTI – B: Response to intervention- behavior (The HMS School-wide Prevention Program)

Our Progressive discipline is based on the Multi-Tiered System of Supports (MTSS) Response to Intervention-Behavior (RTI-B). Behavior process is a multi-tiered approach to providing support to all learners at increasing levels of interventions. Union Park will use a school wide system of support that includes proactive strategies for defining, teaching, and supporting appropriate student behavior to create a positive school environment.

The following discipline procedures will be implemented consistently across campus.

Step 1: Universal Interventions

Step 2: 1st Minor Incident Report with Interventions

Step 3: 2nd Minor Incident Report with Interventions and Parent Email

Step 4: 3rd Minor Incident Report with Interventions and Parent Phone Call

Step 5: Major Behavior Referral

Consequences for inappropriate behavior will be given according to the DVUSD discipline guidelines as outlined in the Student Rights and Responsibility (SRR) Handbook.



Student & Parent/Legal Guardian Agreement

Please return this paper by Wednesday, August 9th.

Students:

I have read and understand each of the safety rules set forth in this contract. I agree to follow them to ensure not only my own safety but also the safety of others in the engineering lab environment. I also agree to follow the general rules of appropriate behavior for a classroom at all times to avoid accidents and to provide a safe learning environment for everyone. I understand that if I do not follow all the rules and safety precautions, there will be consequences and I will not be allowed to participate in hands-on activities.

Student Name (printed): _____

Student Signature: _____

Parent/Guardian,

We feel that you should be informed of the school's effort to create and maintain a safe classroom environment. Please read the list of safety rules. No student will be permitted to perform hands-on activities unless this contract is signed by both the student and the parent/guardian and is on file with the teacher. Your signature on this contract indicates that you have read this STEM Class Safety Contract, reviewed it with your child, and are aware of the measures taken to ensure the safety of your son/daughter in the lab.

Parent/Guardian Name (printed): _____

Parent/Guardian Signature: _____

Date: _____

Parent/Guardian Contact Information:

Phone Number: _____

Email Address: _____

Emails will be used for important updates on our class, field trips, and additional STEM opportunities outside of our class. If you are available for assisting with complex projects (during or after school), or your company is STEM related and have field trip opportunities, would like to be a guest speaker, or donate supplies.