

DVHS Robotics Club Safety Contract

The DVHS Robotics Club is a club that focuses on designing and building robots. This club is purely voluntary and the club members will be working with many potentially hazardous tools and machinery. Remember, safety is the #1 priority for everyone in the club. To ensure a safe environment, a list of general rules has been developed so please take some time to review it. We would not like to break our perfect safety record.

Attitude

- Horseplay will not be tolerated at all. This is evidence of a poor safety attitude.
- The safe way is always the best way.
- Your safety is everyone's responsibility.
- Others' safety is everyone's responsibility.
- Mistakes cause accidents.
- The number one cause of accidents is a poor attitude
- Keep your mind on your work.

Clothing and Protective Equipment

- Never wear jewelry or loose clothes while working with machines.
- Wear protective glasses/goggles at all times.
- Long hair should be tied back or worn under a cap to avoid getting it caught in the machinery.
- You should wear hard shoes or boots with rubber soles.

Working with Tools and Machines

- Don't use any equipment you are not familiar with. Ask for help.
- The most important reason to use the right tool for the job is safety.
- If a machine doesn't sound right, or if you can see that something is wrong, tell the leader immediately.
- Leave space for the person working on a machine or power tool.
- One person per machine or tool unless otherwise needed.
- If you have to leave a machine, turn it off and wait until it stops.
- Pull the plug, not the cord, when you unplug a power tool.
- Sharp or pointed tools must be carried with the point down.
- When you approach a machine, be sure it is off and not coasting.
- Never talk to a person while he/she is operating a machine.
- Wait until the blade stops before removing any scraps.
- Make all adjustments with the power off and the blade stopped.
- Machines should be allowed to reach full speed before starting to cut.
- Never distract the machine operator.
- Never place your hand or fingers in line with moving parts.
- When operating any machine, give it all of your attention.
- The cord must be disconnected from the power source before changing bits, belts, or blades.
- Damaging the cord of electrical hand-held tools may cause an electrical shock. Report to leader if any case arises.
- Never set a hand-held power tool down while it is running or coasting.
- Check blades, belts, and bits are installed properly before using.
- You must be able to measure before you can use most power equipment.
- Always secure your work with a clamp or vise.
- Do not overreach, keep your balance.

- Use only properly insulated or grounded tools.
- Take your time when working with tools.
- Plan your work; measure twice and cut once.
- Use only tools that are sharp and in good condition.
- Return all tools to their proper places when you are finished using them.
- Stand to one side when using power tools.
- Use the right tool for the job.
- Use a vacuum to clean up your mess when finished.

Health

- Lift with your legs, not your back.
- Get help to lift or move long or heavy objects or materials.
- If you do not feel well, tell one of the leaders. You are not forced to work everyday.
- If there is an accident, even a minor one, it should be reported immediately to the leader or mentor.
- If you have certain conditions that need to be explained, please notify the leader or mentor.

On behalf of leadership, we hope you all have a safe year here.

Agreement

I, _____ (member'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 ensure my own safety, and that of my fellow members and peers. I will cooperate to the fullest extent with my leader and fellow members to maintain a safe working environment. 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 me being removed from the club and I will be liable for the damages caused to anyone and anything.

Student Signature

Date

Dear Parent or Guardian:

The DVHS Robotics Club feels that you should be informed regarding the club's effort to create and maintain a safe working/shop environment. With the cooperation of the mentors, parents, leaders and the club members, it can prevent and correct possible hazards.

You should be aware of the safety instructions your son/daughter will receive before engaging in any shop/building activities. Please read the list of safety rules above. No student will be permitted to perform hands-on activities unless this contract is signed by both the student and a parent/guardian and is on file with the club's records.

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

Parent/Guardian Signature

Date
