

The Livonia Warriors
High School Robotics
Teams FRC #2832 and #6861



The Livonia Public Schools High School Robotics Program is in need of tools, machines, equipment, and many items needed to be successful during the fabrication and assembly of our competition robots. Please consider helping with this important list of items that will be instrumental in the learning and success of future engineers. Donations would also help to purchase these items; letters of appreciation and value of items donated would be provided.

Tools:

- CNC Lathe
- CNC Mill
- Disk/Belt Sander
- Band Saw and Blades
- Rotary Tool and Bits
- Allen Wrench Sets (English & Metric)
- Drill Bits
- Deburring Tools
- Wire Feed Welder
- Socket Wrench Sets (English & Metric)
- Wire Cutters
- Wire Strippers
- Wire Crimpers
- Tape Measures
- Digital Calipers
- 1"-2" Micrometer
- Tap & Die Sets (English & Metric)
- Diagonal Pliers
- Crescent Wrenches
- Industrial Casters
- Center Punches
- Tube Cutter
- Conduit Bender
- Staple Gun & Staples
- Utility Knives & Blades
- Small Compressor
- Xacto Knife & Blades
- Metal Files
- Rubber Mallets
- Metal Hammers
- Hack Saw & Blades
- Sheet Metal Tin Snips
- End Mills

Electronic Supplies

- Wire Gauges
- Wire Crimps Sizes
- Quick Disconnects Sizes
- Potentiometer
- Limit Switches
- Soldering Iron
- Volt Meter

Stock Material

- FMS (Extruded Aluminum) Sizes
- L Channel Aluminum Sizes
- C Channel Aluminum Sizes
- Box Channel Aluminum Sizes
- Lexan Sheeting
- Plexiglass Sheeting
- Hollow Pool Noodles (Plain Circle Profile)
- ¾" Thick Plywood
- Roller Chain Master Links Size: #20
- Roller Chain Half Links Size: #20
- 3D Printer Filament

Hardware

- Bolts Sizes
- Nuts Sizes
- Washers Sizes
- Lock Washers Sizes
- Pop Rivets Sizes

Computer Equipment

- Laptop Computer (For Programming)
- External Hard Drive 1Tb
- Printer & Ink

Office Supplies

- Printer Paper
- Spiral Notebooks
- Legal Pads
- Clip Boards
- 3-Ring Binders (3" green)
- Address Labels
- Return Address Labels
- Dry Erase Markers
- White Board Eraser
- Display Board for Booth Presentations

Electronics

- Extension Cords
- Power Strips
- Surge Protectors
- Electrical Tape

Paper & Plastic Supplies

- Paper Plates
- Napkins
- Plastic Silverware
- Plastic Cups