



Burnsview VEX Robotics Club School Checklist 2018/19

This list includes items that should be packed/prepared for use by **all** Burnsview VEX Robotics teams during a competition. Many of the items on this list are extremely vital, so team members should prioritize this list before packing for their individual teams.

1. General

- ☐ Arrange transportation to and from competition for all members
- ☐ Ensure everyone has robotics clothing

2. Electronics

- ☐ Dremel
- ☐ Extension cord
- ☐ Power bars (min. 2)
- ☐ V5 Battery chargers (min. 1 per team)
- ☐ V5 Controller chargers (min. 1 per team)

3. Tools

- ☐ 3/32" T-handle Allen keys
- ☐ 5/64" T-handle Allen keys
- ☐ Robertson screwdrivers
- ☐ Nut drivers/wrenches
- ☐ Needle-nose pliers
- ☐ Wire cutters
- ☐ Hack saw and vice
- ☐ Measuring tape
- ☐ Hammer
- ☐ File

4. Metal (various sizes)

- ☐ Steel bars (plates)
- ☐ Standoffs
- ☐ C-channels
- ☐ Angles (L-channels)
- ☐ Gussets

5. Parts

- ☐ Screws (all sizes, silver and black)
- ☐ Nuts (keps and nylocks)
- ☐ Pillow block bearing
- ☐ Shaft collars

- ☐ Couplers
- ☐ Bearing flats
- ☐ Axle locks (lock plates)
- ☐ Shafts (various sizes)
- ☐ Spacers (all sizes, black and white)
- ☐ Gears (all sizes, normal and high strength)
- ☐ Chains
- ☐ Sprockets (all sizes)
- ☐ Wheels (normal and omni)

6. Spares (if possible)

- ☐ V5 Batteries
- ☐ V5 Motors
- ☐ V5 Brains
- ☐ V5 Smart Cables

7. Miscellaneous

- ☐ Game objects (eg. balls)
- ☐ Zip ties
- ☐ Elastics
- ☐ Electrical tape
- ☐ Scissors
- ☐ Masking tape