

STEMpunk #4531 Meeting Topics
Tuesday 3/25/14 through Championships in St. Louis

A. Mechanical

1. Countersink Bolts for pit towers and disassemble for painting
2. Longer aluminum between Nemo Arms or thread ends of rod for low-profile nuts.
3. Faster Gathering arms [Options: Rockford Robotics w/ mini-cim and ??]
4. Brace for under battery – octagon rod like opposing side
5. Stronger Canvas strap for Winch
6. Repair bumpers

B. Business

1. Sponsor/parent/administrator update from Wisconsin Regional
2. Peer Awards [ideas??]
3. Adjust photo frames
4. Plan for selling goggles (est. cost, time investment and profit)
5. Charts and Chairman's info and photos to social media/website

C. Programming/Electrical

1. KOP Drive Base (or some other drive base) with Mecanum wheels
2. Different Mecanum Drive Program (see above)

D. CAD

1. Details of assembly
2. Update BOM [remove string pot, add limit switch, remove talons/mini cims, etc...]

E. ALL

1. Make more buttons!
2. Decorate Goggles (once more come in)
3. Sell Lightbulbs to offset your own costs for travel

E. Parts to order

1. Low-Profile Nuts for Nemo [Size: ??]
2. Green organizers [at least one for electrical /crimp connectors]
3. Black Electrical Tape
4. Loctite
5. Another shelving unit for pit
6. Goggles
7. Watch Parts/Gears
8. Hats
9. Power Strip & Extension Cord
10. Crescent Wrench
11. Long Tether Cable