



Vex Robotics Competition Checklist

02/01/2016

Competition Preparation

- ❑ **Measuring robot size always !**
Check the robot size. (18in x 18in x18in)
- ❑ **Troubleshooting**
Refer to www.vexforum.com
- ❑ **Engineering Notebook Preparation**
 - Vex Engineering NoteBook Guidelines:http://www.funsci.org/bbs/view?article_no=182&bbs_id=10001
 - Tips on Making a Notebook: <https://youtu.be/yNuzaKTFVW8>
 - Rubric <http://curriculum.vexrobotics.com/teacher-materials/assessment-tools/engineering-notebook>
 - Sample: <http://www.roboticseducation.org/documents/2013/10/vrc-engineering-notebook-2013-team-5327a.pdf>
- ❑ **Game manual**
Review before the match.
<http://www.vexrobotics.com/vexedr/competition/competition-resources/>
- ❑ **Update/ Upgrade**
Cortex, cable, vexnetkey and joystick upgrade setup complete- double-check with vexrobotics.com, robotc.net or easyc website ***at least 2 weeks before the competition.***

Final Prep on Competition Day

- ❑ **Motors/ Fully Charged Battery/Extension**
Motors should be working properly and batteries should be fully charged.(extra motors, extra battery charger, extension cord necessary)
- ❑ **AAA batteries**
A dozen of AAA batteries for the joystick are necessary.
- ❑ **9V backup battery**
9V backup battery with the holder needs to be connected to the cortex.
- ❑ **Team Number Plates/Flags**
Team number plate should be placed in the robot with the screw, not with the strip.(two sets of red & blue)

Safety Goggles

At least 3 safety goggles to be prepared.

Tool Box

Bring for fixing the robot during the competition

Engineering Notebook

Robot design notebooks written by all members per team should be turned in on the competition day.

Camera

Take photos and videos. Update & post on the webs

Code of Conduct

Always demonstrate good sportsmanship

Congratulate other teams

Don't be depressed about the results, you will have the better chance for next year though this year's competition experience.

Don't judge other teams robots

Be cooperative with the alliance