

Tournament Robotics

--- Mohrweis | 2020 - 2021 ---

Instructor:

Michelle Evans
(Mohrweis)

Email:

Mohrweis.michelle@
cusd80.com

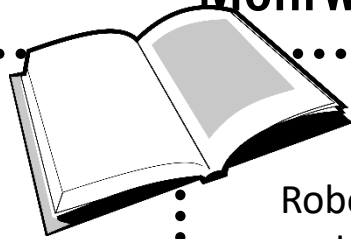


Class Website:

[cusd80.com/Page/
96572](http://cusd80.com/Page/96572)

Phone:

480 -883 - 5536



Topics Covered:

Robotics is a class where students research, build, and test robots to compete in VEX tournaments. The class is student driven, with students researching strategies and ideas, building their robots, and learning through trial and error. Students practice problem solving skills as they get their robots competition ready. Students learn to take charge of their education and develop life long learning skills, with guidance and assistance from their teacher.

Assignments and grading

40%

Projects and work done of robots.

40%

Weekly logs, written work, etc.

15%

Completing daily Bell Work

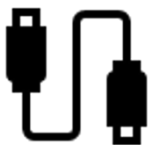
5%

Exams and Tests

Missing work can be found in the "Missing Work" folders in the back of the classroom.

Supplies

- Notebook
- Pencil
- Blue or Black Pen
- USB Flashdrive (Optional)



Class Expectations

1. Make sure everyone has an equal role on your team.
2. Have Self- Control in how you act.
3. Give 100% of your effort when participating in class.
4. Treat people and equipment with kindness and respect.



Tournament Robotics

- - - - Mohrweis | 2020 - 2021 - - -

Late/make-up work policy



The expectation is that you submit all assignments on time. Late assignments will be accepted, but will only be able to earn 50% of the possible grade.

If you are absent, you will have one week from the day you return to complete your missing work. Students are responsible for checking the missing work folders upon returning to class.

If you are going to miss more than a week's work, or miss presentation days for a project, please notify me in advance so I can get you alternate assignments.

Food and Drink

Food is not allowed in the classroom at any time. Please eat your snacks at lunch or between class.

3D Printing

When the 3D printers are not being used for class, students may have the opportunity to use them for fun. Any student that wants to 3D print can do so by donating a spool of filament to the class. **One roll of filament donated to the class will earn a student two 3D prints of their choice.**

Filament should be PLA 1.75mm.



Students may print any item as long as it is school appropriate. Prints must take less than 6 hours to complete. See the class website for more details.

Technology



We will be utilizing various types of technology, from computers to Spheros to tablets. Please treat classroom technology with care.

Cell phones should be put away unless asked to be used for academic purposes.

Cell Phones may be plugged in to the class charging station. However, you are responsible for reclaiming your phone at the end of class. Forgotten phones will be dropped off in the office.

Tournaments

Due to COVID-19, at this time there are no tournaments scheduled in Arizona. If things change and it becomes safe to attend tournaments, I will watch to see if any get posted. If we have no tournaments this year, then instead we will do challenges around the school using our robots.

After school

We will not have after school meetings until it is safe. When the pandemic ends and things are safer, then students will have the **option** to come to after school robotics club meetings.