

THE RAVEN

Team 1310 - Runnymede Robotics - Newsletter



UP NEXT

**CHAIRMANS SUBMISSION
FEB 6**

**START COMPETITION
ROBOT MANUFACTURING
FEB 8**

**VEX IQ COMPETITION
FEB 22**

**RYERSON DISTRICT EVENT
MARCH 12-14**

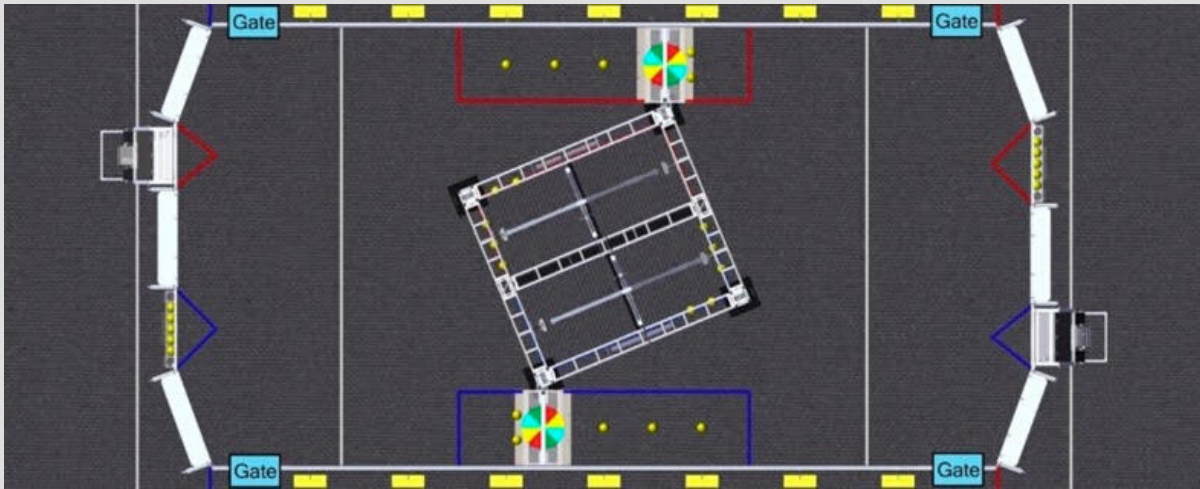
January Wrap-Up

We started off the season with our annual kick-off where we watched the game release together. We were thrilled by this year's challenge and couldn't wait to get started. Watch this year's game release below.



How does the game work?

Each match is 2.5 minutes long and is played with two alliances made up of three teams.



During the match, an alliance has 3 major ways to score.

1) By shooting the yellow dodgeballs into the high and low goals.

2) By spinning the colour wheel to a set position.

3) By climbing a titling bar, and trying to keep it balanced.

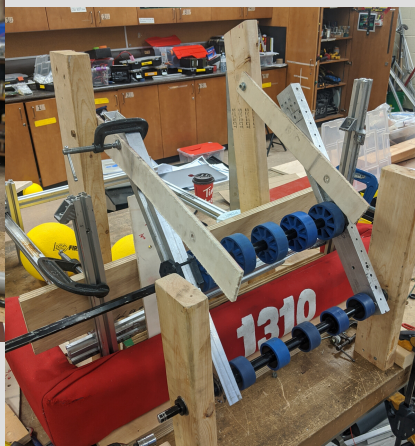
What's going on in our shop?

We started off this month by building prototyping and CADing for this year's robot. The mechanisms we are designing are:



Climb

Intake



Shooter

CAD Sessions



Our engineering team has been CADing various ideas for the main mechanisms of our robot. They have been iterating on those ideas based on the results of our prototypes. We have started manufacturing key components of our practice robot. As we build, the engineering team makes modifications to the CAD.

In the Ravens' Nest

Our communications team has been preparing our Chairmans Award submission. This award that is presented to the team that best embodies the values of *FIRST!* We are finishing up our written portion and brainstorming our official presentation.



Thank you for all your support throughout the season.

