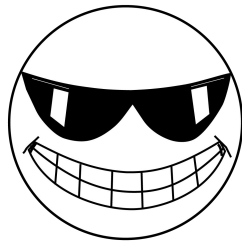
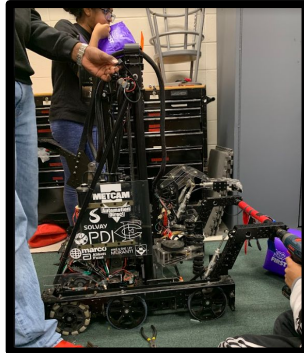


# OTTO 1746



# JANUARY NEWSLETTER

The team is prototyping using the 2019 robot to demonstrate the movements required for the 2023 games!

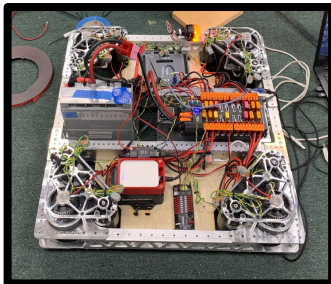
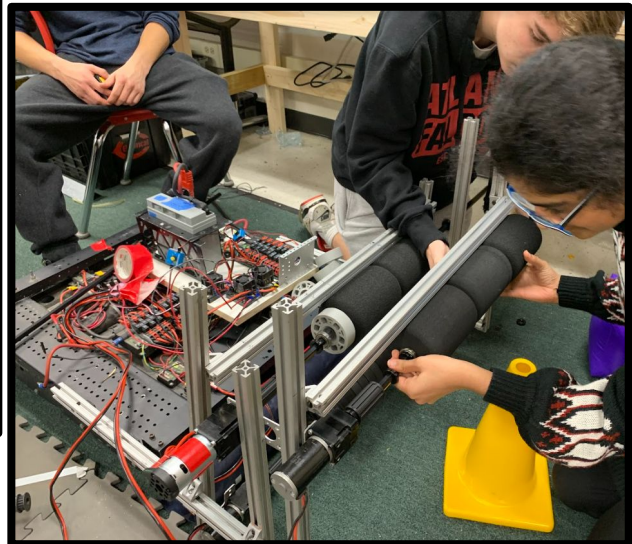


## 2023 Kickoff

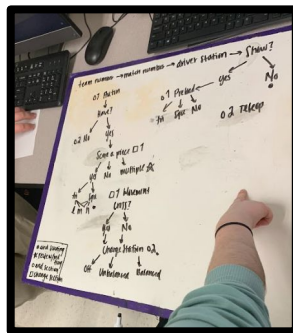
At the 2023 Kickoff, FIRST robotics announced the new game for the FRC season! Scan the QR code to see the simulation for this year's competition!



Currently, these students are working on constructing the field elements. The wood is being cut to be used as platforms for the game pieces.



The drivetrain in progress...



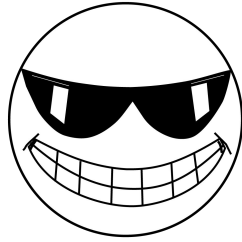
Strategizing for scouting documents.

In this photo the team is prototyping the intake. The goal of the intake is to put the cones and cubes into the indexer. The indexer makes sure the cones and cubes are in the right position, so that they can be placed to score points.

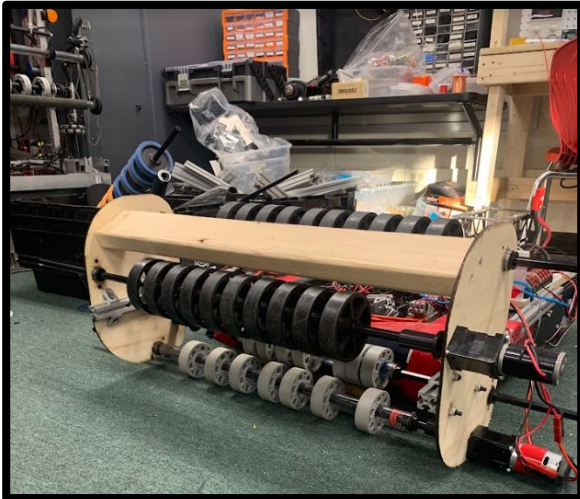
## Upcoming Competitions

- Lawrenceville, GA, District Event: March 17-19th
- Macon, GA, District Event: March 30-April 1st
- Emerson, GA, District Championship: April 5-8th \*during spring break\*

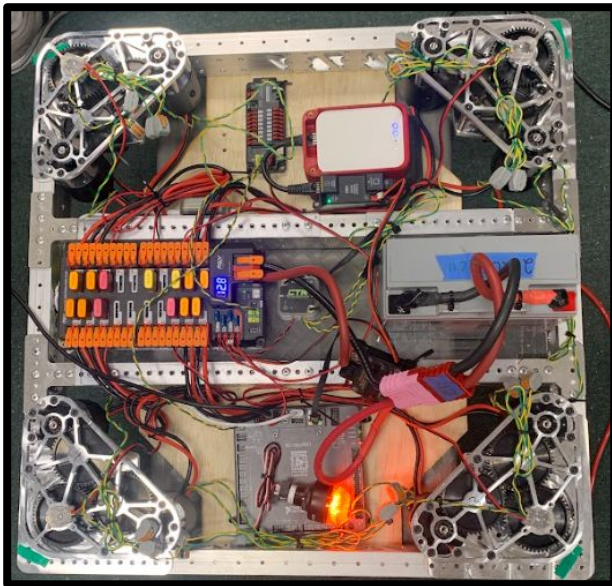
# OTTO 1746



# JANUARY NEWSLETTER



This is the official intake prototype, made as an over the bumper solution. The horizontal rollers on the intake compress the game pieces and can grab cones and cubes from anywhere on the ground.



This is the completed drivetrain. This year the team has successfully built and programmed a swerve drive. With just a few adjustments being made, it will be ready for gameplay!



This structure is the recreated field elements. The purpose of this is to allow for the robot to practice as if it is playing the game before the actual competition. Practicing before hand let's our team adjust the robot as changes may be necessary.

## Important Information

- Parents' Meeting: 7pm-8pm at the engineering room(130), March 1st
- Special Team Meeting: 9am-3pm on President's Day, February 20th