



# The Regal Report

January 2023 Newsletter



## Upcoming Events

The Regal Eagles will be hosting our 5th annual Regal Eagle Rampage March 5th, 2023! Rampage is a practice event we have for Long Island teams to practice the new game, before regional competitions. Our carpentry team works to build the playing field entirely out of wood for teams to get comfortable on. For more information, check out our [website](#) for past Regal Eagle Rampages!

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## Outreach

Our marketing team and outreach have now come together for build season to work on the Impact Award, previously known as the Chairman's Award. The Impact Award is the most prestigious award at FIRST, and it honors the team that best represents a model for other teams to emulate and best embodies the mission of FIRST. To win this award, the team must write an essay, as well as providing a video that can quickly and visually display what the team has accomplished this build season for the community. For example, our team mentors the FIRST Lego League teams that are established in our elementary and middle schools. Additionally, our team is making efforts to put together STEM Kits for teams in Central and South America, and hopefully expand to other countries around the world.

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## Mechanical

The mechanical team has been working on prototypes for our robot. Specifically, they have been working on an arm prototype to figure out the best way the robot can pick up cones and cubes. Along with assembling parts for the robot, the mechanical team has also been organizing by building additional shelving for tools and materials.

## Electrical

The electrical team has been wiring the panel to attach our new swerve modules. While assembling the new swerve drive module, the team is mentoring some new students to train the new generation of members coming in. For more information about our build season progress, check out our team's weekly [Build Blog!](#)

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## Programming

Working with the electrical team, the programming team has been working on the swerve drive module. Our programmers have finished the code for the swerve and have been practicing driving with it installed on the robot.

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## Carpentry

Our carpentry team has started assembling parts of the playing field for Rampage with wood. Finished parts are being painted by our art team.

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