



The Regal Report

Preseason 2022 Newsletter



Kickoff

This year's game theme was announced this past Saturday, January 7th, 2023. The theme for this year is, "Charged Up!" which addresses global challenges related to [United Nations Sustainable Development Goal #7](#), focused on ensuring access to affordable, reliable, sustainable, and modern energy for all. Together, the team watched the premiere live stream and started discussing possible strategies, designs, and going over the rules for the game. Check out the reveal video for the game [here!](#)

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!

Marketing/Outreach

Over the summer, our outreach team started an organization called FIRST Together. This organization was put together to help bring FIRST Robotics Competition (FRC) teams together to spread knowledge about STEM to the communities. A few events we've organized and attended recently include a beach cleanup at Theodore Roosevelt beach, and raised money for Type 1 Diabetes research for the Juvenile Diabetes Research Foundation (JDRF). Our marketing team has been working hard contacting companies, organizing fundraising, and outreach opportunities for other teams and the community. Our new team members are cold-calling companies for monetary donations, while our more experienced upperclassmen assist and help teach new students about business in FRC.

Mechanical

In preparation for the upcoming season, a group of members have started reorganizing and restocking parts after our lab expansion. Additionally, the mechanical team has been purchasing new materials to improve the new robot we will be building. With these materials, our members have been able to start prototyping new mechanisms that can be tested later on during the building season. The team has many new members interested in becoming a part of the mechanical team that experienced upperclassmen have been mentoring through training groups.



Electrical

Working alongside our mechanical team, the electrical team has also been looking into purchasing new materials to better our robot. Members of the electrical team are managing cables and adjusting additional parts of the robot. There were also training groups that new members attended to introduce themselves into how the electrical team works.

Programming

The programming team has been working in training groups to teach new members about CAD. CAD stands for Computer Aided Design, which is how the team can create designs and blueprints that can be 3D printed to be incorporated into our robot.
