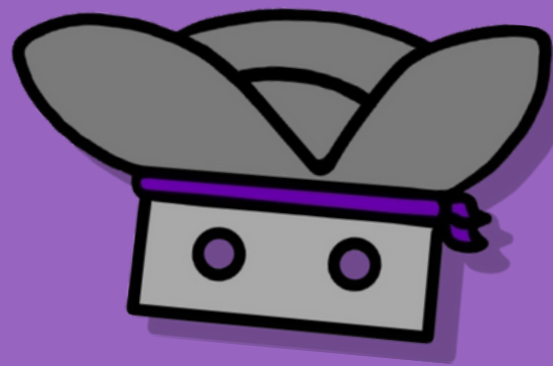


TECHNICAL DIFFICULTIES TEAM 4085



Newsletter **Week #5**

Feb 11th, 2023



Fifth Week of our Season!

4085 Media Team

Welcome to Week 5 of the 2023 season! We wanted to remind you all of our **Krispy Kreme** fundraiser, it has been extremely successful so far! Use [this link](#) to purchase donuts to support the team.

We also have plenty of exciting news from a few of our subteams! We got in contact with Intel, and are trying to work out a potential sponsorship. The drive team is also moving swiftly with the selection process, so look out for updates there!



PRESENTED BY **HINAS**
GeneWise Foundation



@TechDiff4085



Technical Difficulties 4085



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Marketing Team

The **outreach** sub-team worked with the mayor and our business subteam to get in contact with a representative from Intel. They also worked with the electrical team to discuss Tobi's Toys and planned for their next Herbie's Robots meeting.

The **business** sub-team's main focus this week was our potential partnership with Intel. They got to speak with a representative at the State of the City Union. Additionally, part of the sub-team was working on editing the first impact video and essay, which is on the way to being completed.

The **media** sub-team finished our shirt design (special shoutout to Olivia)! Along with that, we began working on our buttons for this season! They have been very focused on finding spirit wear and getting inventory of what we already have for the pit.



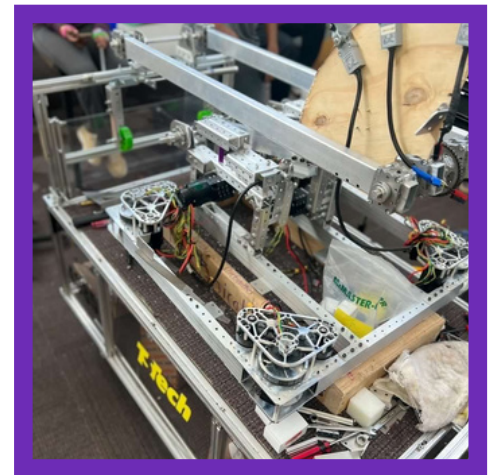
Build Team

The **mechanical** sub-team added more limit switches to the robot, along with putting a physical stop on the robot (going upwards). They also added a chain, and are working on creating more tension.

The **electrical** sub-team worked on the batteries and adding terminals. They also fully repaired Fluke for our next outreach event, he can now pick up and shoot balls correctly. They also added more pneumatics on the CAD file so it would be it prepared for when materials come in.

The **fabrication** sub-team started construction on the second ingrid, and also tweaked the errors on the charging station resulting in it working smoother.

The **software** sub-team worked on the autonomous swerve drive and coding the robot so it could figure out autonomous routes. They also coded the robot so that it could move left and right around the poles on the field.



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