

# ALLENDALE ROBOTICS WEEK 3-4

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January 20 – February 1, 2025



## Week 3 Overview

During week 3, we were hit by a snowstorm that took our entire week besides a Saturday practice. On that Saturday, all our teams within Trisonics have been working very hard to catch up on lost time.

The build team has been working on an intake prototype, making bumpers for the robot, and prepping for the next couple of weeks by organizing.

The design team has been working on finalizing subsystem parts for the robot, as well as working on stages for a lift system.

The programming team has been working on getting cycles for the robots systems and getting code up and running for driving the robot.





## Team Focus

Vex Competition Robotics

Grade 6-8

This week, VEX has been testing and improving their robot and parts after a competition, where they made it to finals.

The Deep(er) Fried Pickles won multiple awards including the Excellence award and Amaze award.

The Deep(er) Fried Pickles have been taking apart their robot and replacing parts with more efficient ones for improvement.

Their programmers have been working on their autonomous programs and skills to make their robot more efficient and consistent.

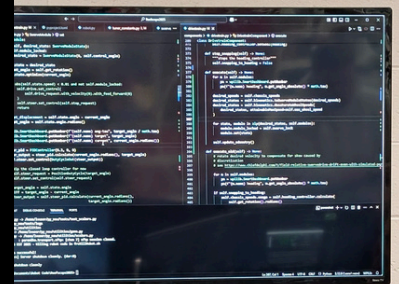
## Week 4 Overview

After a week full of snow days, our team has been working hard to catch up.

The build team has been starting to machine and mill parts, as well as finishing building the field to test our parts on the robot. They began prototyping for the hanging system and starting building the lift system.

The programming team has begun to test and examine their code, such as fixing their PID values to make sure the robot doesn't go too fast.

The design team has begun their drawings for chassis and started weight reduction in the lift system to get below the 115 lbs cap.





Every year we have students vote on a mentor they want to nominate to FRC for the Woodie Flowers Award. The WFA is an award that each year teams may submit an essay for an adult mentor that has a really positive impact on the team. This year we have selected Ethan Potinsky for the WFA. Ethan will be presented at the West Michigan Event at GVSU on March 20-22. Ethan is a Alumni and now mentors the TriSonics team. Ethan's fun personality and experience has inspired every student on the team.



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