

ALLENDALE ROBOTICS WEEK 6

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February 3 – February 8



Week 6 Overview

This week the team has been primarily focusing on making and improving the intake and lift for the robot.

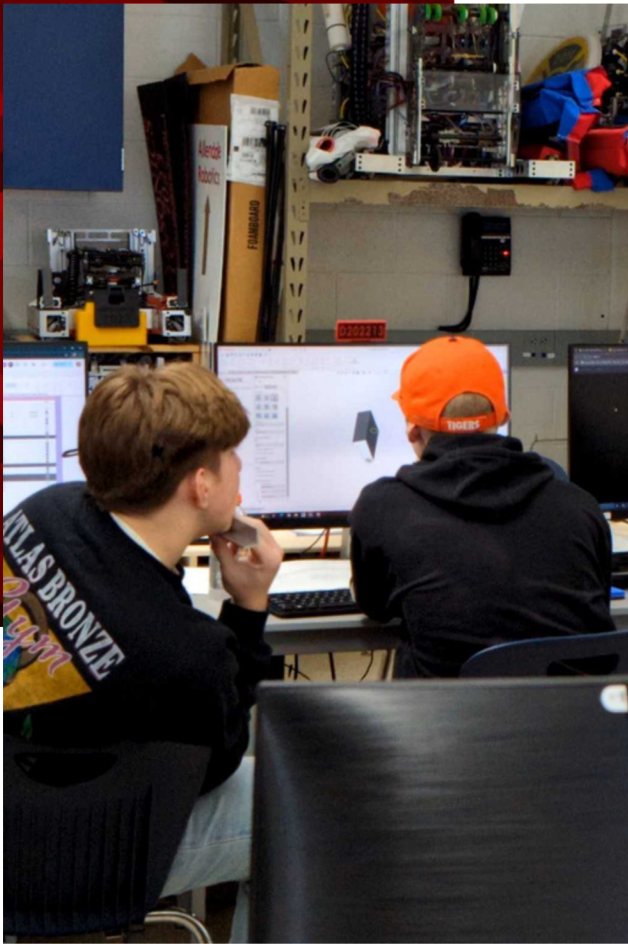
The design team has been working on the control panel and perfecting the detailed drawings to send to the build team. They prioritized drawing p of the lift and intake systems.

Build team machined parts for the lift and intake using the mills, lathe, CNC routers, and band saws. They've also tested prototypes for the hanging system and started making assemblies.

Programming team has programed and tested the controller for the robot and started implementing the left and right functions. They've also programed the robot to go to the algae station for the autonomous stage of the competition.

Sponsorship team has continued working on Valentine's day cards for the kids in hospitals and organizing the ducks we sell for cancer to sell at competitions.





Team Focus Design

This week, Design has been perfecting the midsegment of the elevator system by adding a crossbar to help it gain stability. They have also been finishing up the designs for the control panel and the coral funnel. They have started with fixing and modifying drawings that get sent to build.

This week with VEX

VEX has been learning how to build an engineering notebook, while also improving their robot's structure. They are preparing for states, occurring February 28th - March 1st at the Grandville Robotics Center.



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