

ALLENDALE ROBOTICS WEEK 4

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February 1 - February 8



Week 4 Overview

This week, the team is getting more established in their subgroups as they work to get the robot ready for the season.

The build team has completed the chassis and has continued to test two different shooters and hoppers. They're also working on the intake.

The programming team made the skeleton for the components gyro, drivetrain, turret, intake, climber, kicker, singulator, and the driver and operator controls. Next week they plan to possibly wire the chassis robot.

The design team released the intake parts to test out the first official intake prototype, and worked on making drawing to release everything for the robot chassis. They also modeled the indexer and the feeder into the shooter.

The sponsorship team has worked on the Woodie Flowers award and getting our team calendar organized to record team time goals.



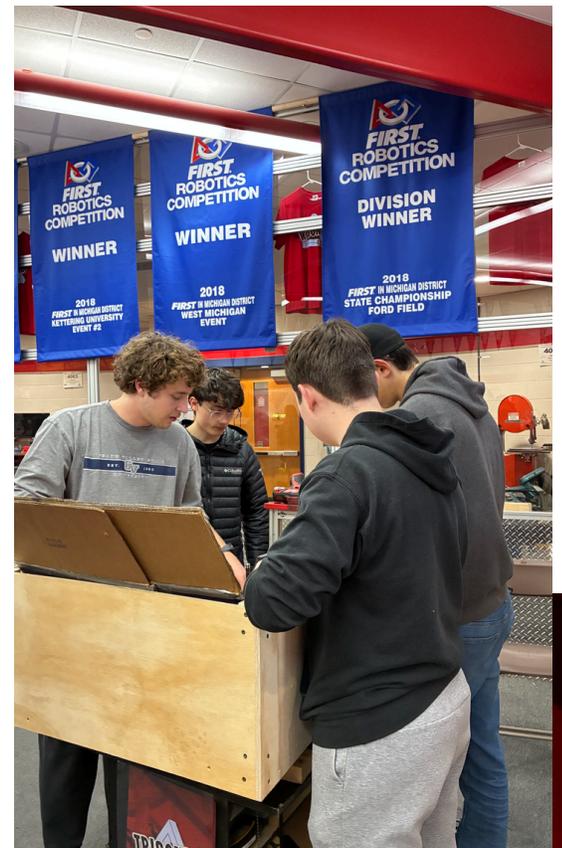


Team Focus

Valentines Cards

This week, the team all worked on Valentines cards to give to the people at Allendale Nursing and Rehab.

Everyone on the team made an effort to make cards to give to others and make their Valentines day a little more special.





VexGO

Team 61187F

The group gained experience piloting a simple car with wireless control before graduating to introductory automation commands using a building block-based programming language. Successful robot routines were a result of a lot of brainstorming sessions where the group tried different approaches in strategy.

Interview

"This Fall VexGO Team F had a blast building, driving, and programming their VexGO robots. The season started with a vote to build a creature dubbed "The Flopper", which was so beloved and popular among the group, it was tough to tear it down to begin incrementally building a robot we could program using the tablets." ... "Here, each student was encouraged to try different block commands and see how their robot reacted or not." ... "Through various failures and successes, any group member you ask will tell you their favorite part was building the robot and trying new things."

Sponsors

