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Week 3: Overtime: Seeing It Through

The team has been very focused on finishing the robot. The programming team has been busy preparing and getting the robot ready for competition. Issac, head of the program team told us that this week, their main jobs were to get the swerve drive optimized, programming the movements on the arms of the robot, path planning which means the team can draw a path on a computer screen and the robot will follow it. The final task for the programming team this week was vision processing which allows the robot to see reflective tape on the field and maneuver around it. The build team has also been working hard this week. One of the build leads, Seth, informed us that he and his team have been working hard on assembling the robot. The build team mounted the pivot arm, designed new possible intakes and installed power source location. Our build team has also filled in on miscellaneous projects. Our electrical crew worked on finalizing the drive motors, controllers, and training in new members.



Team Spotlight:



Bryce

Grade: 9

Bryce is a freshman is really enjoying robotics this year. When interviewed about why he was in robotics he said that "I'm in robotics because I want to make a robot."

6045 Philosophy

Sharpen problem-solving and creative confidence
Hone communication and teamwork skills
Advance technical skill sets and technological aptitudes
Reflect an atmosphere of fun, focus, and dedication
Progress in the Sabre Standard of Excellence



Week 3 Student Community Connections

This week the leadership team attend the Central Minnesota Manufacturers Association's monthly meeting at Saint Cloud State University on Thursday, January 26th. The leadership team listened to a presentation hosted by St. Cloud State's Dean of Public Affairs, King Banaian. The presentation gave specific intel on how the post-pandemic economy is affecting manufacturing. With the team's appearance, there was an opportunity to connect with current and future sponsors. Finishing up the event leads were given a tour of the Saint Cloud State engineering facilities.



Upcoming events:

- Week Zero Willmar
February 18th
- Week Zero New
Brighton February 25th
- Duluth Regional
March 2nd-4th
- Grand Forks
March 9th-11th