

# SONICS SHOUTOUT WEEK 5

## Design Team

This week in design, we have been very busy finalizing parts for the build sub team to get started on, and they continue to give us feedback to help improve our designs based off of their prototype data. We've also started finalizing a system to score in the trap, and thinking about the movement of the three stage lift. Although we encountered some difficulties with the intake, we are quickly overcoming them.

## Build/Fabrication Team

This week in build, we tested different angles on our newest shooter prototype. We also built a new diverter to deliver notes we grab to the systems for scoring in the amp and speaker, as well as beginning to build the swerve modules for the wheels. We've also started working on fabricating the new frame for the robot.

## Programming

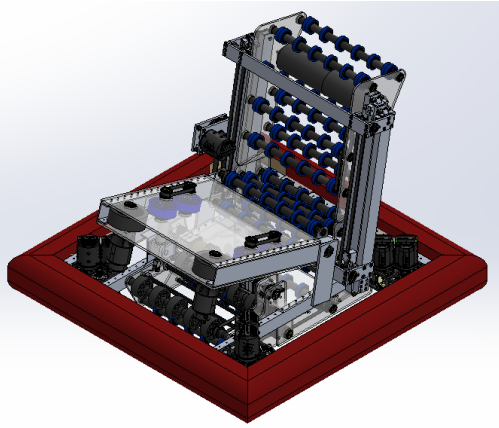
This week, our programming team was hard at work designing more autonomous routines, learning about wiring and hardware, and planning out subsystems. As we get closer to having a robot, programming is really looking forward to start making our ideas a reality!

## Interested in sponsoring?

Our program is always welcoming new sponsors! If you think this is something your organization would consider, contact us at [sponsorship@allendalerobotics.com](mailto:sponsorship@allendalerobotics.com) or scan the QR code for more details.

## Building Anticipation

Our team is excited to be in week 5 of our season! With shipments of parts coming in, the team is getting more and more anxious as we get farther into this season, with the first competition only a month away. We're feeling confident for another successful season this year!



## Sponsor Shoutout

This week we are happy to recognize another one of our amazing sponsors, JR Automation, who has been a long time supporter of our team.

So from all of us at Allendale Robotics, thank you! Be sure to keep checking your inboxes for more weekly updates!



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