

ALLENDALE ROBOTICS WEEK 7

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February 23 - March 1



Week 7 Overview

This week, the team has been working extra hard to prepare for our first competition in three weeks!

The build team built new swerves for the Beta bot, as well as fabricated any parts sent to them by design. They also prototyped a hanging system and attached the intake to the Alpha Bot.

The design team has made very notable progress on the new double shooter system, the new intake model named the "live bottom," and the four-bar lift system, a complicated yet effective new lift contraption.

The programming team wired the intake and got each of the components of the robot moving to test. They're also adding vision poses to the robot and compared the location on the field to where the robot said it was in the advantage scope.

The sponsorship team and other students who have extra time have been working on making Easter cards for the local nursing home.





Team Focus

Prototyping

Prototyping has been working hard to perfect our ideas for the competitions. They're fine-tuning the double shooter prototype to see which angles work best, as well as improving the hanging prototypes.

We're working on two robots to give ourselves more flexibility with our options.



Kids working on Easter cards for the local nursing home!

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