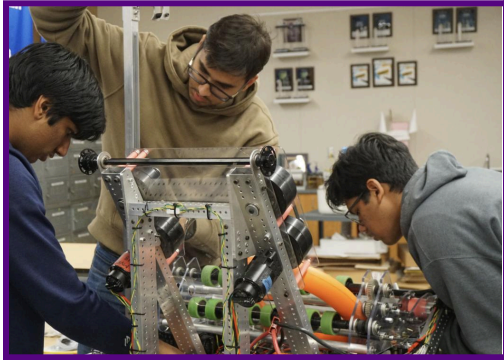


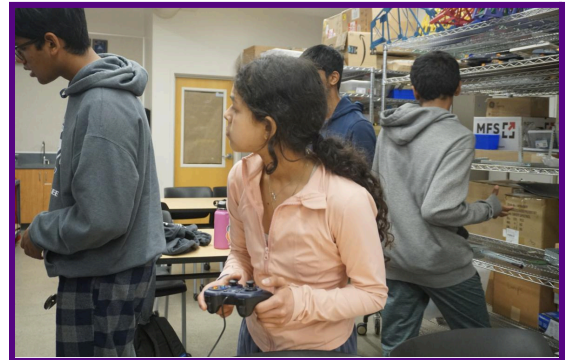
## Build - Week 4 Newsletter

During this Crescendo season, MVRT has continued to work diligently in our fourth week of progress!



Over the course of this week, the mechanical division has been hard at work developing the handoff system between the intake and the shooter to ensure a smooth passage of notes in our practice bot. Mechanical leads have additionally completed CADing the competition robot after making essential changes after witnessing issues presented by the practice bot. Next week, we are excited to finish assembling our robot!

The electrical division has completed wiring the practice bot and is excited to delve straight into the competition drivetrain. Simultaneously, the software division has been testing the primary functions on our practice robot: handoff, shooter, and intake, and we are so proud of the efforts of our programmers in developing a seamless code. Even more, this week, the software division continued revising the auton code, creating more paths to ensure our success in the autonomous period.



While the engineering side of MVRT has been hard at work making the robot, the operations side has been working on the components of the Impact award. Operations has incorporated feedback into Impact Essay and Summaries, while at the same time completing filming and voiceovers for the Impact Video. Even more, our Dean's List essays and Woodie Flowers essays are planned to be submitted within the next couple of days!

This Friday, our team had the privilege to visit NASA Ames and receive a guided tour. We are so grateful for this opportunity to learn more about fluid mechanics, wind tunnels, and vertical motion simulators!



*NASA Ames Tour*

Our team also invited high schoolers all across Taiwan this Saturday to learn the depths of FRC and engineering. Through multiple workshops on CAD, robot Java, and control systems, we hope to inspire students across the globe to pursue robotics and start their own FRC teams back at home!

We would like to express our sincere gratitude to all of the members, parents, mentors, and alumni who have been putting in immense hard work and dedication during the build season. We are truly appreciative of all the help and support we have received and are eagerly looking forward to seeing everyone in the upcoming weeks!