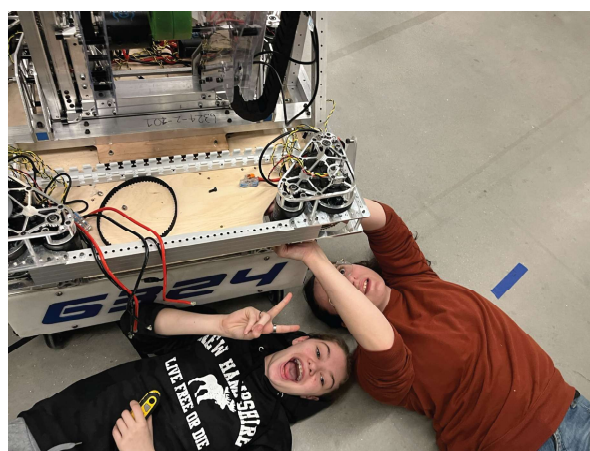




Practice Field

By Sophia S.

In the 2024 season of Team 6324 was fortunate enough to finally find an opportunity to host a practice field with a nearby co-host, Team 3467 Windham Windup. The practice field is built by us to offer a official scale practice space to run stress tests on our robots, tune software, and test our strategies. Since it's a new season with a new game, we have renewed the space for 2025 by tearing down the old and building the new game field. This Year's game has very unique and exciting elements which allowed for some fun manufacturing challenges. Our students collaborated with our co-hosts to split the workload of building the field. After building, woodworking, and lots of screws, the practice field is ready to go and is being used now. Our mission with the practice field is to help other teams from all over New England by giving them a space to practice and field test their robots, we have had 11 teams join so far! We see all sorts of team come through the door from multiple world class robots to rookie teams. We open the space to all and we look forward to seeing who comes else will join us this season.



Electrical Interview

By Mya M.

We interviewed freshman Jacklyn H, who worked on wiring the robot. As it is her first year on the team, she learned a lot about the electrical components of the robot and how to wire them. She became very practiced in cutting and stripping wires of all sizes, and developed the vital electrical skills needed to assemble and repair the wiring. She truly enjoyed being a part of this process and especially loved contributing by attaching the wires to the power distribution hub-similar to an electrical breaker panel in your home. She emphasizes the importance of organized and stable wiring in building our robot. Without this skill set, the team would not be able to maintain this years complex wiring. Jacklyn is confident in helping the pit crew throughout the competition season and next year's design and wiring with her new found knowledge.





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Nordson MEDICAL

By Logan B.

Being one of our longest standing sponsors, and a Blue Devil tier since 2018, Nordson MEDICAL has been a huge supporter of Salem High School's Robotics program. We appreciate everything they do to help out our students, Thanks Nordson Medical!

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Software Update

By Sophia S.

The software team has been very productive in February. They have written code for new mechanisms including cameras and an elevator, reviewed old code, and learned the basics of our coding language, Java. The cameras mounted on the robot scans QR-like codes, called AprilTags, on the field to for orientation and automatic alignment. The code is ready to move to the next stage where we fine tune with the mechanically complete robot. We have conducted a review of the 2024 code to prepare for 2025; which has allowed new students to understand basic robot code. Another way that the team prepares new students is by having older students teach younger students. Though lots of trial and error this year, we have prepared the next generation of the software team to excel this year and the next.

