



FRC TEAM 6324

NEWSLETTER

Issue #26 | April 2025

District Championships

By Cameron M.

Coming off of a solid performance at the UNH District Event, we were slated to compete in the Sosik Division of the New England District Championship (NECMP).

As with UNH, we spent the days leading up to NECMP improving our robot mechanically, practicing, and developing our autonomous programs. This resulted in the addition of a small and simple, but crucial mechanism to the robot: a fix to our Algae mechanism and a bracing that allowed us to score Algae in the net. While being a light alteration, this increased our flexibility as an alliance partner, and allowed us to have a higher scoring potential than at either of our previous events.

Qualifying rounds were anything but simple though. With an incredibly competitive schedule where matches could go either way, and a major mechanical failure at the end of Day 1, we were on our toes for the entirety of the weekend.

The hard work paid off for our team as we were able to win 10 out of our 12 matches in qualifications, putting us at 5th in our division out of 48. During alliance selection, we moved into the 4th Seed Captain position, where we went on to select Team 7407, The Wired Boars from Wallingford, Connecticut, and as picks had snaked back around we were able to pick Team 839, Rosie Robotics from Feeding Hills, Massachusetts. With our incredible alliance partners, and a solid strategy, we were more than ready to take on the Elimination Rounds.

With solid strategy and efforts to improve as we went, we tore through the double elimination bracket, making it to division finals without losing a single match. Once there, it became a best 2 out of 3 showdown between us, and the 2nd seed alliance. We tasted our first defeat in playoffs in finals match 1, where we lost to a playoff high score put up by the opponents, but with a slight shift in strategy, we were able to take the next 2 matches, carrying us to our first, but not last Blue Banner of the season as the Sosik Division Winners.

The event was far from over and we had one last hurdle to jump: the winners of the Ballard Division, captained by our good friends Team 3467, The Windham Windup from Windham, New Hampshire. We knew it would be a difficult set of matches, but with level heads and a consistent strategy, we were able to win 2-0 against the Ballard Division and the entirety of The New England District Championship!

Between winning all of New England and our earning of the Sosik Division Quality award, we were locked for the World Championship in Houston, making this the first time we have qualified since our rookie season.





SPONSOR HIGHLIGHT



By Logan B.

This month we would like to recognize the New Hampshire Department of Education! One of our Title Sponsors, the NHDOE has supported us this past season in helping grow our program and educational offerings to students on our team. This goes beyond the robot, helping fund the development of our Media and Business Management groups as well. The NHDOE has been a big help for our students, which we are deeply grateful for.

“Live Free and Learn - The New Hampshire Department of Education advances learner-centered opportunities that create bright futures.”



<https://www.education.nh.gov/>

World Championship

By Ivy T.

This year, we had the amazing opportunity to attend the FRC World Championship in Houston, TX (WCMP). This event is the most prestigious event in FIRST where only the top 600 teams from all over the world go to compete with their robots after the previous 6 grueling weeks of the competition.

After a solid main-season run of placing as a Finalist at the Greater Boston District Event, Semi-finalist at the UNH District Event, and our biggest success yet, winning the New England District Championship, We were ready for the World Championship.

Winning NECMP gave us a guaranteed spot in the World Championship, marking our first time attending since our rookie season in 2017. Out of the 8 divisions at the World Championship, we were placed onto the Hopper Division, as one of the 75 total teams on Hopper. We had a very strong start to our first qualifying match with alliance partners Team 4907, Thunderstamps from St. Thomas, Ontario and Team 9496, LYNK from Spindale, North Carolina, racking up an astounding score of 251 points, meanwhile typically alliances were seen scoring in a ballpark of 150-200 points per match in the Hopper Division during the qualifying matches.

Continued on Page 3...



World Championship

...Continued from Page 2

Despite our stellar on-field performance in the early qualifying matches, the competition at this event was steep. A rough back-half of the schedule left us with more losses than wins at a 6-7 record.

We weren't discouraged though: due to our strength and compatibility with our alliance partners in that very first qualifying match, we were picked as the second pick of Alliance 6 which besides ourselves consisted of the alliance captain, Thunderstamps, and LYNK, the very same teams who got us our highest score of the season!

Still in it to win it, and hopeful for a strong performance, we were ready for the Elimination Rounds. Wining our first match by a healthy 20 point margin, we continued moving through the elimination bracket until Match 10 in Round 3, where through a tight match we were outplayed in a very close 3 point loss of 236 to 233.

Beyond the competition, we were at Worlds to learn and improve as a team, taking time to visit student and mentor seminars, and expose our students to a part of country that nearly all had never been to before. With right-of-passage trips to Johnson Space Center, FRC Team 118's shop, and, of course, a must-do trip to Buc ee's, this event and the entire season in general was an amazing experience and the best season performance Team 6324 has had in our nearly 10 years. Our students are motivated, our team is refreshed, and we can't wait for 2026!



World Championship Photos!

