

sponsor information packet

EAGLE EVOLUTION

2023

3322

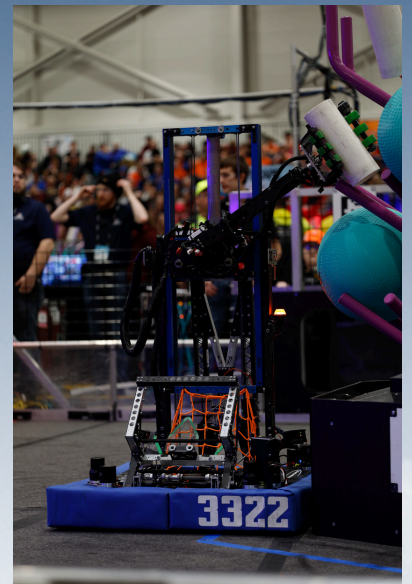


3322 EAGLE EVOLUTION



Team 3322 at the FIRST Robotics World Championships in Houston, Texas, in April 2025

We are Team 3322, Eagle Evolution, a robotics team from Skyline High School in Ann Arbor, Michigan, that competes in the FIRST Robotics Competition (FRC). With over 50 members, our mission as a team is to provide a unique hands-on learning experience to our members and community, creating the leaders of the future. Every year, we strive to adapt to overcome new challenges, uplifting other STEM organizations in our community. We take pride in our strong student leadership, collaboration skills, and the communication that our organization fosters within our team, local businesses, surrounding STEM programs, and our community.



Our Team

Our team divides and conquers projects and tasks based on our team strengths, with six subteams:

- Design: Designs, prototypes, and iterates using primarily CAD software.
- Fabrication: Builds the robot and practice field elements.
- Electrical: Wires the robot and troubleshoots during competitions.
- Programming: Codes the robot's functions and autonomous mode.
- Business: Organizes for fundraising, outreach, and communications (including media).
- Strategy: Analyzes game, interprets data from competitions, and devises game strategy.



Team 3322 at the FIRST Saline Competition in Saline, Michigan, in March 2025

Team History

We have grown in size and experience over the past 16 years as a student-led team. Our accomplishments include:

- Won 3 district events (Saline 2023, Jackson 2022, Livonia 2012)
- Qualified for & Competed at Michigan State Championship (2022-2025)
- Won the DTE division competition at the Michigan State Championship in 2022
- Qualified for and attended the World Championships six times (2011, 2012, 2015, 2022, 2023, 2024, 2025).

ANNUAL RECAP

Pre-Season

From September to December, FRC Team 3322 holds modules to teach new students basic engineering concepts and allow them to explore different engineering fields, divided into sub-teams. This period culminate with the Washtenaw Area Pick-Up Robotics (WAPUR) competition, where students gained valuable experience building a robot from scratch.

Build Season

After the 2025 game was released, 3322 members had six weeks to design and build a robot to compete. 80% of the robot CAD was completed within the first week using Fusion 360, and programmers began developing the code long before the physical robot was made, utilizing WPILib and AdvantageScope. At 115 lbs. and six ft. tall, the robot was fabricated from scratch, including the utilization of a CNC machine. With a physical robot, in the time remaining before competition, the team further developed autonomous movement and ran driver training as the robot travels up to 20 ft. per second.

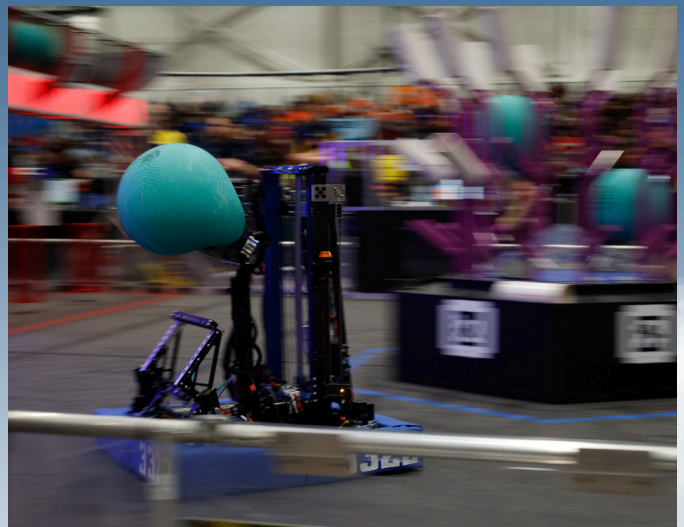
Competition Season

At the team's first district competition (Milford, MI), Team 3322 captured the captain position of the third-seeded alliance during playoffs, ultimately reaching the semifinals. In our second district competition (Saline, MI) the team was selected as a first-round pick of the sixth-seeded alliance where we also qualified for the semifinals. The team earned enough district points to qualify for the State Championship - being in the top 30% of teams competing in Michigan.

At the Michigan State Championship, Eagle Evolution was assigned to the Hemlock Semiconductor Division. Despite competing against some of the best teams in the state, 3322 was selected to join the third-seeded alliance captain and proceeded to the Division Finals. There we became a member of the only alliance in the championship to upset the first-seeded alliance, earning enough points to qualify for the World Championship - being in the top 15% of teams traveling from Michigan for this competition. Over four days, 3322 competed at the World Championship in Houston, TX. Among the 600 FRC teams competing in eight divisions, Eagle Evolution was ranked 44/75 in our division, where the team was eliminated in the playoffs after being invited to the fourth-seeded alliance.

Post-season

April - September, the team completes projects to better both 3322 and the community - no time is wasted. For example, 3322 conducts STEM outreach events, science olympiads, off-season competitions, and more.



GIVING BACK

Middle School Mentoring

At the middle school level, a competition (FTC) is run similarly to FRC. Many Skyline Robotics team members mentor and aid these middle school teams, passing on their knowledge to the next generation of engineers. In addition, several members assist with running the annual Ann Arbor FTC Qualifying Competition.



Outreach Events

3322 travels to local middle and elementary school events with the team's robot, exciting students about STEM and FIRST robotics. This includes but is not limited to:

- Wines Science and Builders Fair
- Washtenaw Elementary Science Olympiad (WESO)
- Washtenaw Area Pick-Up Robotics
- Ann Arbor CTE & STEAM Expo
- Soar into Skyline
- Skyline Club Fair
- Ann Arbor Open Science Fair
- Chelsea FLL Expo



Recycling

This year, Team 3322 started a Can and Bottle Drive, collecting and recycling 9,000 - 10,000 recyclables from the community. In the following years, Eagle Evolution plans to expand these initiatives into battery and E-waste drives, creating a healthier community.



SPONSOR BENEFITS

	Nesting (Up to \$499)	Gliding (\$500 - \$999)	Flying (\$1000-\$1999)	Soaring (\$2000+)
Social Media Post	X	X	X	X
Logo on Website	X	X	X	X
Shared Pit Slide	X	X		
Separate Pit Slide			X	X
Logo on T-Shirts		X	X	X
Name on Blue Alliance			X	X
Logo Engraved on Robot				X

- The sponsor's logo will be displayed at all events, including on the team website, slideshows, posters, and other promotional materials.
- For sponsors at the Gliding level and up, logos will be displayed on the team's shirts, which are worn to every competition and outreach event.
- Sponsors will be frequently published in local and regional media.
- Sponsors will receive updates on team progress throughout the season.
- Depending on the sponsorship level, the sponsor's logo may also be engraved on our robot and displayed more publically at competitions.
- Sponsors are fostering the growth of STEM among students and leading to developments in workforce skills, and supporting the next generation of leaders.

Steps To *Sponsoring*

1. Pick your sponsorship level, and email (3322eagleinfo@gmail.com)
2. Complete the Google Form linked on our website at skylinerobotics.org/sponsor
3. Send payment;
 - A. With PayPal OR
 - B. With a check payable to; Skyline PTSO-Skyline Robotics, mail to Skyline Robotics c/o Laura Schaffer, 2552 N Maple Rd, Ann Arbor, MI 48103.