



Raider Robotix Parent & Mentor Association, Inc.
PO Box 7525
North Brunswick, NJ 08902
EIN: 46-2916332

36 high school robotics teams will play in a
***FIRST* off-season robotics event Saturday, October 18**
~ Event is free and open to the public ~

2025-10-03 North Brunswick, NJ Thirty-six high school teams will meet to compete during the annual Brunswick Eruption robotics event, hosted by the North Brunswick Township High School's robotics team, Team 25-Raider Robotix, on Saturday, October 18. In its 23rd year, Brunswick Eruption will have high school-aged teams from around the New Jersey /Pennsylvania/metro New York region play the *FIRST* Robotics game *REEFSCAPE™*, the game challenge from the 2025 *FIRST* Robotics Competition season. The Raider Robotix team will be collecting food items for the North Brunswick Food Pantry, so the public and participating robotics teams are encouraged to bring non-perishable and non-expired food items.

During *FIRST* Robotics Competitions (FRC), large scale robots, each weighing approximately 130 pounds, are designed, built, and controlled by high-school students to play on a large gymnasium-sized field. In this event, *REEFSCAPE™* will be played with two alliances comprising three robots each. The alliances only have two and a half minutes to remove algae balls and place tubes representing "coral" onto a "reef" structure for points. At the last few seconds of the match, robots race back to their home base and will try to climb and hang on a cage structure for more points. Each team will participate in qualification matches where alliances are algorithmically scheduled and varied from match to match. Teams are then ranked based on their qualification round performances. The top eight seeded teams will draft a permanent alliance and then compete in a round robin elimination playoff tournament.

Admission to this exciting event is free to the public and doors open at 8:00 AM for spectators. The game will be played at the North Brunswick Township High School, 98 Raider Road, North Brunswick, NJ. Opening ceremonies will begin around 8:30 AM. Please bring safety glasses in order to tour the pit area to see the robots up close and speak to the teams. Spectators can stay all day as a cash-only food concession will be available and will feature reasonably-priced and delicious entrees and beverages.

If you can't attend this competition in person, this event and other robotics events can usually be viewed live online at <https://thebluealliance.com>.

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Please contact Karen Ramsden-Zahler at 908-902-8548 or karen@zahler.com for more information.

Raider Robotix Parent & Mentor Association, Inc. (RRPMA) is exempt from federal taxes under section 501(c)(3) of the Internal Revenue Code. Donations to the RRPMA are tax deductible to the extent allowed by law.

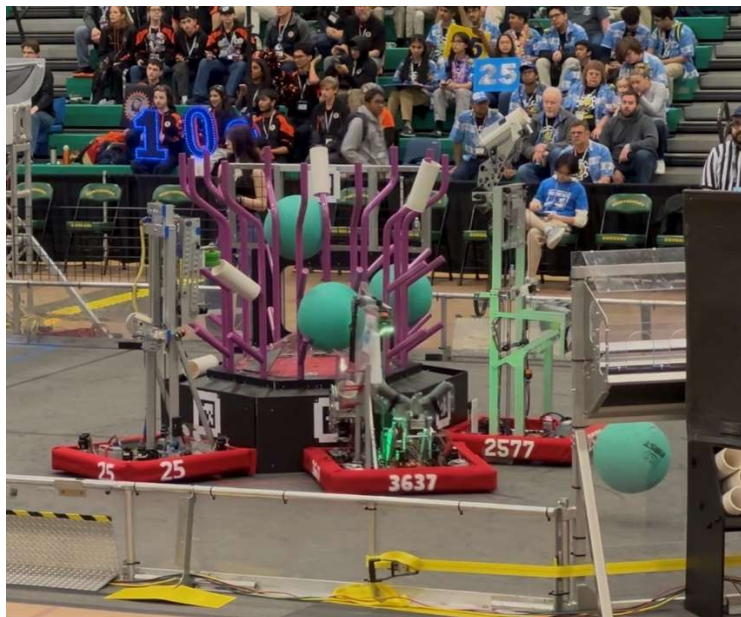


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***FRC Team 25-Raider Robotix's
2025 robot***



***During the 2025 competition, Team
25's robot scores using its
elevator feature on the reef
structure with alliance partners.***



All photographs are courtesy of FRC Team 25-Raider Robotix Mentor Karen Ramsden-Zahler.

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More about FRC Team 25 - Raider Robotix: Founded in 1996 at North Brunswick Township High School, NJ, this team has been a two-time world champion during the *FIRST* Robotics Competition (FRC) in 2000 and 2012. FRC Team 25 has competed in District and Regional matches and has traveled to the FIRST World Championships nearly every year since its founding. Raider Robotix is comprised of NBTHS students and mentored by adult volunteers. This highly competitive FRC championship-winning team also participated in the Macy's Thanksgiving Day Parade in 2013 and has been featured on television, in books, and news articles. For the upcoming 2026 competition season, Raider Robotix has secured sponsorship from Bristol-Myers Squibb, Picatinny Arsenal-US Department of Defense, L3Harris, Coca-Cola, Adams Athletic Club, North Brunswick Township Schools and the Raider Robotix Parent & Mentor Association, Inc. The team continues with fundraising efforts and welcomes inquiries from prospective sponsors during the 2025-2026 season. For further info: www.raiderrobotix.org and www.facebook.com/RaiderRobotix.

More about REEFSCAPE™: During the 2025 season, a competition that featured an underwater game, *REEFSCAPE™*, was played. Two alliances of three teams each competed in a match. During a match, each alliance competed to remove algae (balls) from a rack (reef) and then placed tubes (coral) onto the arms of the reef; in the last seconds of the game, the robots raced back to their home pad to sit or hang from a hanging cage on a chain. Points were earned with the removal of algae and number of coral pieces placed on the reef structure; even more points could be earned if robots finished on the pad and if robots were able to climb onto the cage hanging from the chain. Teams were ranked based on their qualification round performance before the top eight seeds drafted a permanent alliance with which they competed in an elimination round robin playoff tournament.

The 2026 game will be introduced worldwide January 10, 2026 at the *FIRST* Robotics Competition (FRC) Kick-Off; locally in the Central New Jersey area, the event will be held at Montgomery Regional High School, Skillman, NJ, on January 10, 2026 and will mark the start of the 2026 FRC season. After the reveal, robotics teams worldwide will begin to plan, build and test their robots in a six week build period. Competitions begin soon after the end of build season in March 2026.

For further info: <https://www.firstinspires.org/robotics/frc/game-and-season>

More about FIRST: *FIRST* (For Inspiration and Recognition of Science and Technology) Robotics Competition will reach 90,000 high-school students representing more than 3,600 teams. Teams come from nearly every state in the United States, as well as many other countries. *FIRST* Robotics combines the excitement of sport along with the rigors of science and technology. High school student teams comprising kids ages 14-18 in grades 9-12 will build and program a robot in six weeks' time to perform prescribed tasks against a field of competitors. The teams not only will sharpen their teamwork skills, but they will raise funds and design a team "brand." Team members will come away with an experience that's as close to real-world business and engineering as a high school student can get. Over a seven-week period, these high school teams will compete as family and friends cheer them on at over 120 multi-day events worldwide. All this will lead up to the 2026 *FIRST* World Championship which will be held in April 29-May 3, 2026 in Houston, TX. Live or recorded competitions can also be watched online through thebluealliance.com. All *FIRST* events are free and open to the public.

For more info:

FIRST Mid-Atlantic District - www.midatlanticrobotics.com

FIRST - www.FIRSTinspires.org/robotics/frc www.TheBlueAlliance.com

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