



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

**Nation's largest one-day *FIRST* robotics event to be  
held in North Brunswick on Saturday, Nov. 12**

**2022-11-08 North Brunswick, NJ** North Brunswick Township High School's robotics team, FRC Team 25-Raider Robotix, will host its 20<sup>th</sup> Brunswick Eruption one-day off-season *FIRST* robotics event in the country on Saturday, November 12, 2022. This event will have 40 teams comprised of high school-aged students and will be located at North Brunswick Township High School, 98 Raider Road, North Brunswick, NJ.

The students will be playing the 2022 *FIRST Robotics Competition* season's transportation-themed game *RAPID REACT*<sup>SM</sup>, possibly for the final time before the start of the 2023 season. During the game, two alliances of three teams each will compete in a match. In the game, each alliance competes to place "cargo" balls in high and low positions in a center hub and then finish the game by climbing the rungs of a hanger. Scoring depends on how many balls were placed into high and low hubs, and how high robots climbed on the hanger. Each team will participate in 12 qualification matches for which the alliances are algorithmically scheduled and varied from match to match. Teams are then ranked based on their qualification round performance before the top eight seeds draft a permanent alliance with which they compete in an elimination playoff tournament.

Doors will open to the public at 8 AM, and the event is free. Please bring safety glasses in order to tour the pit area to see the robots up close. A food concession is available. If you can't attend in person, this event and other robotics events can be viewed live online at <https://thebluealliance.com>.

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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 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 participated in the Macy's Thanksgiving Day Parade in 2013 and has been featured on television, in books, and news articles. In 2022, Raider Robotix secured sponsorship from Neil & Rita Parikh, Bristol-Myers Squibb, Picatinny Arsenal-US Department of Defense, CIMANETWORK, L3Harris, Rutgers School of Engineering, 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 2023 season.

For further info: [www.facebook.com/RaiderRobotix](http://www.facebook.com/RaiderRobotix) ([www.raiderrobotix.org](http://www.raiderrobotix.org) is under construction)

**Please contact Karen Ramsden-Zahler at 908-902-8548 or [karen@zahler.com](mailto: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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**More about *RAPID REACT*<sup>SM</sup>:** During the 2022 season, a competition featuring a transportation-themed game, *RAPID REACT*<sup>SM</sup>, was played. Two alliances of three teams each competed in a match. In the game, each alliance competed to place “cargo” balls in high and low positions in a center hub and then finished the game by climbing the rungs of a hanger. Scoring depends on how many balls were placed into high and low hubs, and how high robots climbed on the hanger. Each team participated in 12 qualification matches for which the alliances were algorithmically scheduled and varied from match to match. Teams were ranked based on their qualification round performance before the top eight seeds draft a permanent alliance with which they competed in an elimination playoff tournament.

The 2023 *FIRST* Robotics Competition (FRC) Kick-Off will be held at Montgomery Regional High School, Skillman, NJ, and will mark the start of the 2023 FRC season. After the reveal, robotics teams worldwide began to plan, build and test their robots. 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 remotely at over 120 multi-day events worldwide. All this will lead up to the 2023 *FIRST* World Championship which will be held in Spring, 2023. Live or recorded competitions can also be watched online through [thebluealliance.com](http://thebluealliance.com). For more info:

***FIRST* Mid-Atlantic District** - [www.midatlanticrobotics.com](http://www.midatlanticrobotics.com)

***FIRST*** - [www.FIRSTinspires.org/robotics/frc](http://www.FIRSTinspires.org/robotics/frc)   [www.TheBlueAlliance.com](http://www.TheBlueAlliance.com)

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