



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

North Brunswick High School's Raider Robotix finishes as Finalist in Competition

2023-03-27 North Brunswick, NJ For the second time this 2023 *FIRST Robotics* season, North Brunswick Township High School's robotics team, FRC Team 25-Raider Robotix, emerged as a Finalist at a regional robotics competition. Saturday, March 25, and Sunday, March 26, the *FIRST MidAtlantic* Seneca Event in Tabernacle, NJ, was held between 31 high-school aged *FIRST* FRC Teams from New Jersey, Pennsylvania, and Delaware. Raider Robotix and their alliance partners all received Finalist medals for their accomplishment in this competition. Raider Robotix was also a Finalist at the *FIRST MidAtlantic* Hatboro-Horsham event March 4-5, played at Hatboro High School in Pennsylvania.

This year's *FIRST FRC* game is called *Charged Up*, where two alliances of three robots each compete against each other by placing traffic cones and square air cubes into a "grid" and then finish the game by balancing on a "charge station" platform. After Seneca qualification matches, Raider Robotix was ranked #10 and was selected by Alliance #4 Captain FRC 4342-Demon Robotics (Kennett High School, Kennett Square, PA) as 4342's first alliance partner. FRC Teams 4342 and 25 then selected rookie FRC Team 9100-Robo Roses (St. Rose School, Belmar, NJ) to complete the 4th Alliance and compete in the elimination rounds against 7 other alliances.

After several elimination rounds, Alliance #4 emerged to face Alliance #1 in the Finals. Alliance #1, comprised of Captain FRC Team 5895-Peddie Robotics (Peddie School, Hightstown, NJ), FRC Team 1807-Redbird Robotics (Allentown High School, Allentown, NJ), and FRC Team 5457-Falcobots (Burlington Township High School, Burlington, NJ), defeated Alliance #4 in Finals Match 1 by a score of 145 to 97. In the second match Alliance #1 again won against Alliance #4 in an exciting and fast-paced match by a close score of 131 to 124.

The next competition for FRC Team-25 Raider Robotix will be held at Montgomery High School in Skillman, NJ, Saturday, April 1, and Sunday, April 2. 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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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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Photographs provided courtesy of Karen Ramsden-Zahler.



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2023-03-26_FRC25_Finalists

FRC Team 25-Raider Robotix

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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 2023, Raider Robotix secured sponsorship from REV Robotics, Neil & Rita Parikh, Shaun McNulty, Bristol-Myers Squibb, Picatinny Arsenal-US Department of Defense, L3Harris, Verizon, 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 (www.raiderrobotix.org is under construction)

More about CHARGED UPSM: During the 2023 season, a competition featuring an energy-themed game, *CHARGED UPSM*, will be played. Two alliances of three teams each compete in a match. In the game, each alliance competes to place traffic cones and square air cubes onto a "grid" and then finish the game by balancing on a platform with one or more robots. Scoring depends on how many cones or cubes are placed onto the grid and how many robots are able to balance before the game time ends. 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 was held at Montgomery Regional High School, Skillman, NJ, on January 7, marking 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 April 19-22, 2023 in Houston, TX. Live or recorded competitions can also be watched online through thebluealliance.com.

For more info:

FIRST Mid-Atlantic District - www.midatlanticrobotics.com

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

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