



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

North Brunswick Robotics Team is Finalist in Robotics Competition

2023-03-07 North Brunswick, NJ North Brunswick Township High School's robotics team, FRC Team 25-Raider Robotix, competed this past weekend in Hatboro, PA, at a regional *FIRST MidAtlantic* robotics competition. It was an exciting competition with *FIRST* FRC Teams from New Jersey, Pennsylvania, and Delaware in the Mid-Atlantic region. Raider Robotix received medals for their accomplishment in this competition.

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 pillows into a "grid" and then finishing the game balancing on a "charge station" platform. In a field of 34 teams, Raider Robotix finished qualification rounds as the #8 seeded team. As team captain of Alliance #5, Raider Robotix selected two other teams, FRC Team 1391-The Metal Moose (Westtown School, West Chester, PA) and FRC Team 4653-Ironmen Robotics (Don Bosco Preparatory High School, Ramsey, NJ) to compete in the elimination rounds against the 7 other alliances.

After emerging from the elimination rounds, Raider Robotix's alliance met the undefeated Alliance #1 captained by FRC Team 2539-Krypton Cougars (Hershey High School and Palmyra Sr. High School, PA) and alliance partners FRC Team 5895-Peddie Robotics (Peddie School, Hightstown, NJ) and FRC 433-Firebirds (Mount St. Joseph Academy, Flourtown, PA) in the Finals matches. In the first match, Raider Robotix's alliance defeated Alliance #1 by a score of 134 to 131; in the second match, Alliance #5 was defeated by Alliance #1 163 to 108. In the third and final tie-breaking match, excitement mounted as the robots flew across the field defending their positions and trying to score points in the grid and on the charge station balance board. In the end, Alliance #5 was defeated by Alliance #1 with a close score of 153 to 142.

The next competition for FRC Team-25 Raider Robotix will be held at Seneca High School in Tabernacle, NJ, Saturday, March 25, and Sunday, March 26. 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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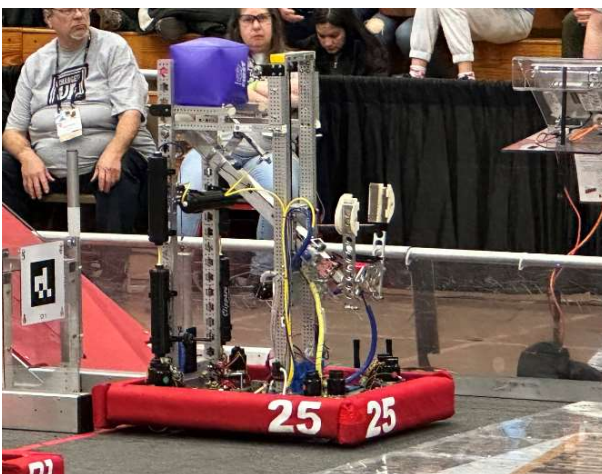
Please contact Karen Ramsden-Zahler at 908-902-8548 or karen@zahler.com for more information.

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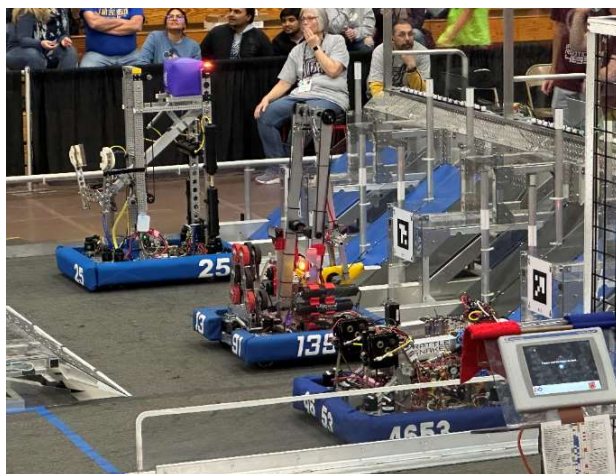


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Photographs provided courtesy of Karen Ramsden-Zahler.



2023-03-05_Team25robot_Cropped



2023-03-05_Alliance5Robots



2023-03-05_Team25

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, 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 RAPID REACTSM: During the 2022 season, a competition featuring a transportation-themed game, *RAPID REACTSM*, 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 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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