



Advisor Wayne Cokeley

Raider Robotix

The North Brunswick Twp. High School Robotics Team

www.raiderrobotix.org

98 Raider Road, North Brunswick, NJ 08902

E-mail: smwonder@comcast.net

Phone: (609) 558-8326



For immediate release –

Largest one day off-season Robotics Event in the Country to be held at North Brunswick Township High School November 10

**By Arushi Bhatia
Raider Robotix student contributor**

October 31,-2018, North Brunswick, NJ: North Brunswick Township High School's *FIRST* Championship team FRC Team 25 - Raider Robotix will be hosting their 17th annual event, Brunswick Eruption, on Saturday, November 10th, 8 AM at their home high school. This is the largest *FIRST* off-season robotics competition in the United States - 42 teams from around the tri-state area are scheduled to compete for the last time in the 2018 FRC (*FIRST* Robotics Competition) game: *FIRST* PowerUp. All *FIRST* events are free and open to the public.

During the competition, Raider Robotix will be collecting lightly worn or usable shoes donated by the teams and by the community. The shoes will be recycled to communities that need them through Shoebox.org. Concession stands with food and drinks, as well as tee-shirts, are available and will help to support Raider Robotix to compete in their upcoming 2019 season. A Brunswick Eruption tradition will continue: The Evil Sundae contest will occur during the competition lunch break where volunteer members from each team tries to eat an "Evil Sundae", made up of an unusual combination of edible foods, as quickly as possible! The winning survivor of this contest will be awarded a trophy.

The *FIRST* PowerUp game is played by two alliances against each other, and each alliance is made up of three robotics teams. The video-game theme of the game encompasses cubes, a switch, and a scale. The switch and scale are see-saws like objects and teams try to put as many cubes as they can to tilt the scale in their favor. Teams can also get "power-ups" from a vault which is outside the field. Robots put cubes through an exchange where human players take them and put them into the vault to achieve different powerups to help boost scores. The last 30 seconds robots rush to try to climb to achieve those extra points.

During the Brunswick Eruption event, the *FIRST* Mid-Atlantic Robotics district is also hosting a FTC (*FIRST* TECH Challenge) competition in another area of the high school. If you love robots and STEM, November 10 is the day to come out to the North Brunswick High School to join all the fun! Doors open at 9 am. Raider Robotix encourages people of all ages to visit and learn what *FIRST* Robotics is all about!

###

Contact Karen Ramsden-Zahler for further information at karen@zahler.com or 908-902-8548.



Raider Robotix

The North Brunswick Twp. High School Robotics Team

www.raiderrobotix.org



Advisor Wayne Cokeley

98 Raider Road, North Brunswick, NJ 08902

E-mail: smwonder@comcast.net

Phone: (609) 558-8326

More about FRC Team 25 - Raider Robotix: Founded twenty-two years ago 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 each 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. Raider Robotix secured sponsorship from Bristol-Myers Squibb, Picatinny Arsenal-US Department of Defense, CIMANETWORK, Neil Parikh, North Brunswick Township High School and the Raider Robotix Parent & Mentor Association, Inc., for the 2018 season. In the 2018 season, Raider Robotix won three regional events and placed second in the regional championship. Team 25 qualified for and traveled to the World Championship in Detroit in April 2018 and finished their season with the three blue Winners banners from their regional wins and trophies for their other awards in engineering and their placement at the regional championship. The team continues with fundraising efforts for the 2018-19 season and welcomes inquiries from prospective sponsors for the upcoming season.

www.raiderrobotix.org www.facebook.com/RaiderRobotix

More about POWERUPSM: In the 2018 season, a competition featuring a vintage video game-theme, *FIRST POWERUPSM*, was played. Two alliances of three teams each competed in a match. Each team participated 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 drafted a permanent alliance with which they competed in an elimination playoff tournament.

The 2019 *FIRST* Robotics Competition (FRC) Kick-Off, which will reveal the *DEEP SPACESM* challenge and details, will be held at Montgomery High School on Saturday, January 5, 2019 and will mark the start of the 2019 FRC season. After the reveal, robotics teams worldwide began planning, building, and testing their robots over a six-week period. Robots were then placed into a bag and sealed until the individual team's *FIRST* competition.

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 in 2019. 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 from the stands at over 120 multi-day events worldwide. All this will lead up to the 2019 *FIRST* World Championship, scheduled to be held in Detroit, MI in April 2019. During all *FIRST* events, the public is invited to attend at no charge.

FIRST Mid-Atlantic District - www.midatlanticrobotics.com *FIRST* - www.FIRSTinspires.org/robotics/frc

Contact Karen Ramsden-Zahler for further information at karen@zahler.com or 908-902-8548.