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**FIRST Mid-Atlantic
Bridgewater-Raritan District Event
March 21-22, 2020**

TEAM VISITORS' GUIDE

**INFINITE
RECHARGE**SM



Hosted by:

Team 303: The TEST Team

www.303gametime.org

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1 Welcome to the FIRST Mid-Atlantic Bridgewater-Raritan District Event

Greetings from the FIRST Mid-Atlantic Bridgewater-Raritan District Event Planning Committee

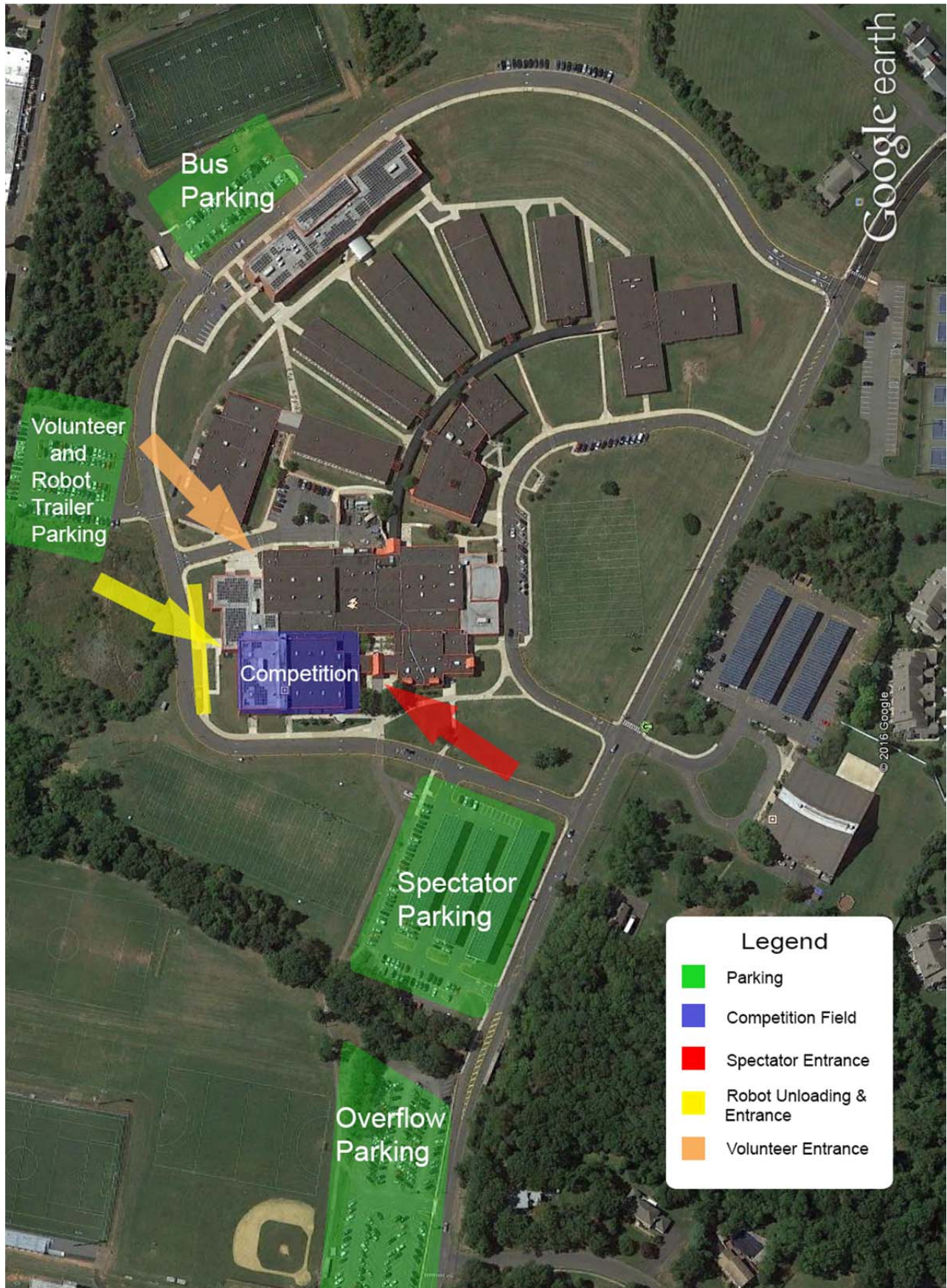
Welcome to the home of the Bridgewater-Raritan Regional High School Robotics Team and beautiful Somerset County, New Jersey! Somerset County is one of America's oldest counties, and is named after the English county of Somerset. The area was first settled in 1681, in the vicinity of Bound Brook, and the county was established by charter on May 22, 1688. Most of the early residents were Dutch. General George Washington and his troops marched through the county on several occasions and slept in many of the homes located throughout the area. Somerset County also played an important part during both World War I and World War II with weapons depots and the manufacturing of the army's woolen blankets.

For much of its history, Somerset County was primarily an agricultural county. In the late 19th century, the Somerset Hills area of Somerset County became a popular country home for wealthy industrialists.

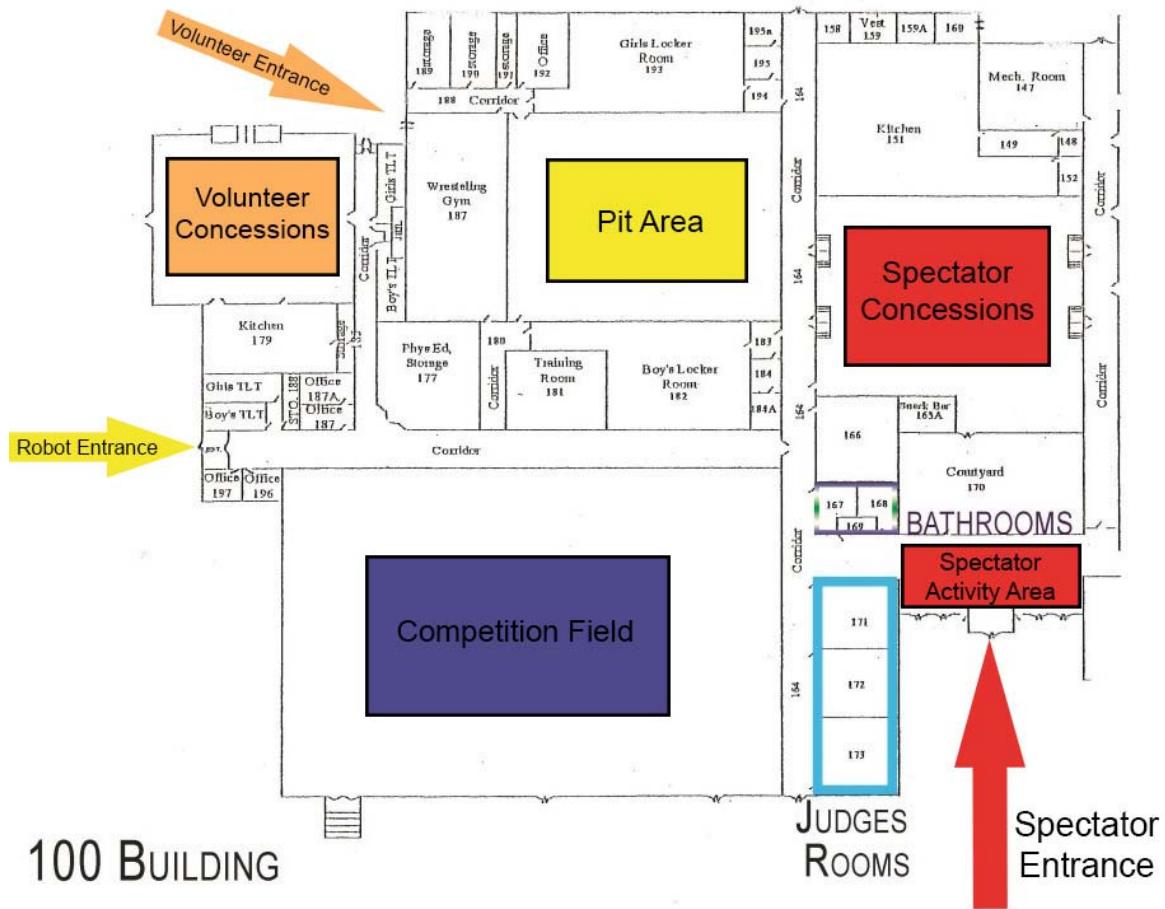
The FIRST Mid-Atlantic Bridgewater-Raritan District Event Planning Committee welcomes tomorrow's great thinkers and innovators. Good luck to all our participating teams, from near and far! Please use this guide as a reference for our competition; it is full of helpful and useful information that will assist your team as you plan for this event. However, if you have any other questions, please reach out to us using the contact information listed at the end of this document!

2 Welcome to Bridgewater-Raritan Regional High School

2.1 School Map



2.2 Event Map



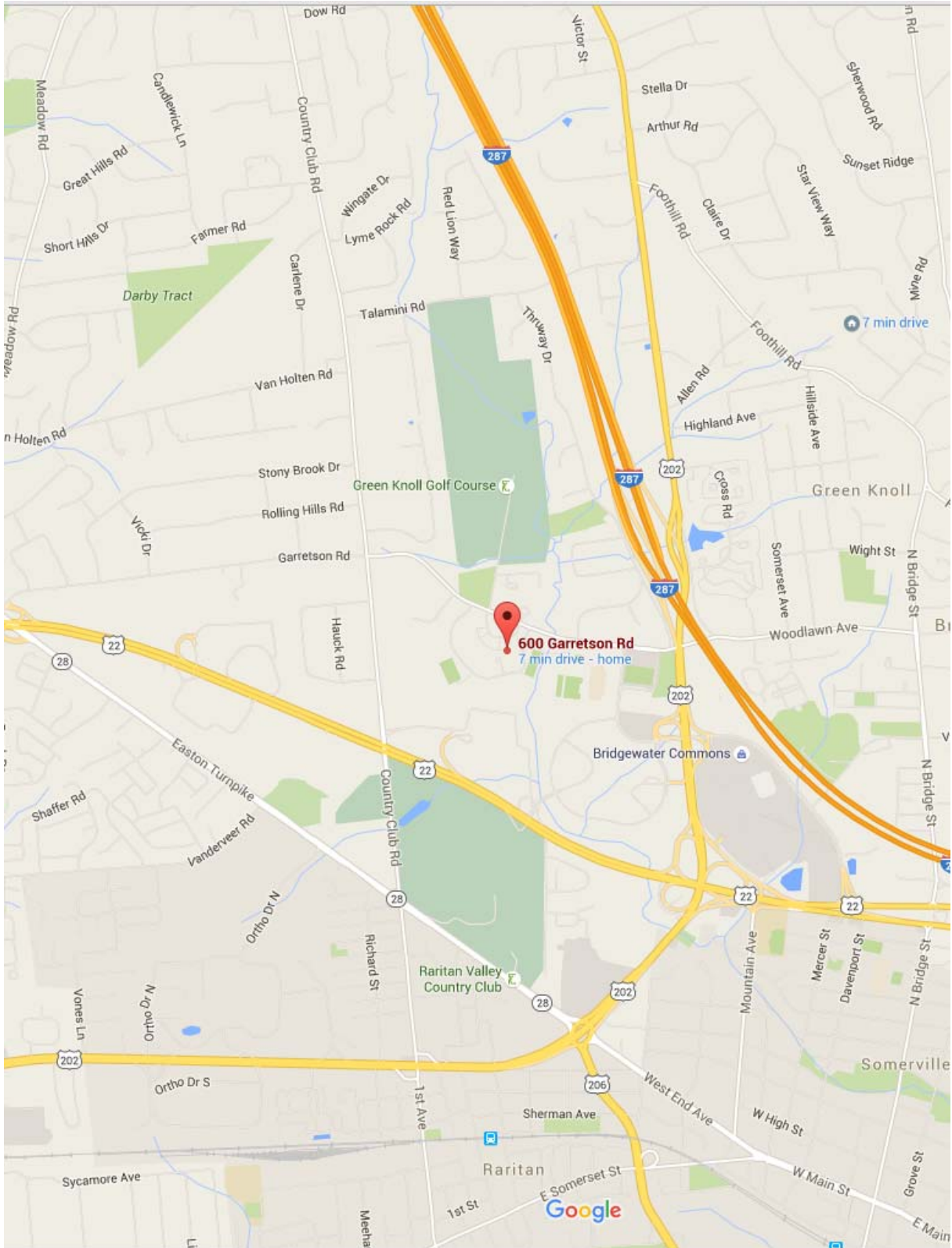
3 Directions to the Bridgewater-Raritan Regional High School

3.1 Local Bridgewater map

Address: 600 Garretson Road, Bridgewater Township, New Jersey 08807

<https://goo.gl/maps/zqS7aZjL3Zz>

The map below shows the location of the high school.



3.2 Driving Directions to Bridgewater-Raritan Regional High School

FROM THE SOUTH:

Take Route 202/206 North through the Somerville Circle to Commons Way. At the traffic light make a left onto Commons Way and proceed to the traffic light at the end of Commons Way. You will see The Field house on the left. Make a left onto Garretson Road. The Field House, Athletic Fields and High School are located on the left.

OR

Take the Garden State Parkway North to Route 287 North. Take Exit 14B-Somerville-Route 22 West (The exit lane will be on the left). Proceed on Route 22 West to Commons Way. Stay on Commons Way past the Mall to the traffic light at the end of the road. That is Garretson Road. Make a left hand turn onto Garretson Road. The Field House and High School are on the left.

FROM THE NORTH:

Take Route 287 South to Exit 17. Travel 1/4 mile on Route 202-206 South to Commons Way. Make a right hand turn onto Commons Way and proceed to the traffic light at the end of the road. Make a left hand turn on- to Garretson Road. The Field House and High School are on the left.

FROM THE EAST:

Take Route 78 West to Exit 29 and proceed on Route 287 South to Exit 17: Travel 1/4 mile to Commons Way. Make a right hand turn at the light onto Commons Way and proceed to the traffic light at the end of the road. Make a left hand turn onto Garretson Road. The Field House and High School are on the left.

OR

Take Route 22 West to Commons Way and follow the directions above to Garretson Road.

FROM THE WEST:

Take Route 78 East to Exit 29 - Route 287 South to Exit 17: Travel 1/4 mile to Commons Way and make a right hand turn at the traffic light and follow the road to the end - make a left hand turn onto Garretson Road. The Field House and High School are on the left.

OR

Take Route 22 East to the jug handle after Country Club Road (across from Ethicon) to Route 22 West and proceed past Ethicon to the traffic light. At the traffic light make a right hand turn onto Country Club Road and proceed to the first traffic light. Make a right hand turn at the light onto Garretson Road and proceed a 1/2 mile to the High School on the right.

4 General Event Information

4.1 Machine Shop Information Rules

We will be running the machine shop at the Bridgewater Event. Below are the general rules and process for machine shop work requests:

- The machine shop cannot provide scrap material. You must supply any material that is needed for repairs.
- All requests must go through the machine shop coordinator table. You may NOT take work requests to the machine shop yourself.
- One team representative can initially accompany their request to the machine shop via an event escort, but must leave after providing any needed explanations.
- You may not observe your job being worked due to safety and liability. If you like, you can wait for the part at the Pit Administration Table.
- All work requests are First Come, First Served, unless a reasonable exception can be made. The machine shop cannot guarantee timing for any ASAP requests.
- Once your job is complete, a pit announcement will be made. You may also check back with Pit Administration periodically.

4.2 Event Contacts

Please note the following contacts regarding the event.

Herb Katz	eventcoordinator@303gametime.org	Event Coordinator
Alessandra Sanchez FIRST Senior Mentor	alessandrasanchez214@gmail.com	Event Manager
Hayley Katz FRC Team 2458 Advisor	Hayley.katz99@gmail.com	Volunteer Coordinator

4.3 Event Webcast Information

District webcast is available at www.303gametime.org (click on 'Livestream')

4.4 VIP Program

As the host of the FIRST Mid-Atlantic Bridgewater-Raritan District Event, we would like to extend an invitation to all visiting teams to participate in our VIP Program. The purpose for the VIP Program is to formally recognize team sponsors, school administrators & faculty, town officials and anyone else who has a supportive role with your team. Every team has supporters that provide financial, educational or morale backing, without which the objectives of the team wouldn't be possible. This is an opportunity to give them the recognition they deserve. Here's how it will work: First, email us with your team's list of VIPs by March 19, 2020 so that we can be prepared to greet them when they arrive. Include each person's name and how they are associated with your team. Upon arrival at Saturday or Sunday's event, your invited VIPs will check in at the VIP Registration desk. At that time, they will be escorted to your team's pit. You will have the option to either provide your own team ambassador to escort your VIP or we will provide an ambassador for you. We recommend that at a minimum, your ambassador explains FIRST Robotics, the agenda for the day and provide a tour of the pit and competition areas. While in the pit your ambassador should discuss the team's structure, introduce them to team members and mentors where they can talk about their experiences of the build and competition season thus far and review specifics about the robot's design. While touring the competition area, they should explain this year's game and what they can expect to see that day. Please take this opportunity to formally recognize your team's VIPs as well as give the students a chance to demonstrate their abilities and accomplishments while interacting with them. VIP lists can be sent to VIP@303gametime.org.

4.5 Summary of Key Dates

Date	Deliverable
March 19, 2020	Deadline for teams to submit VIP Lists
March 18, 2020	Last day to submit pizza and sub pre-orders
Available now	Webcast information available by clicking 'Livestream' at www.303gametime.org
Day of Event	Consent forms due at event registration table

5 Concessions

5.1 Pizza and Sub Pre-Order Process

With the goal of making this process easy for both your team and ours, our team has developed an online ordering process.

- Please visit <http://www.303gametime.org/concessions/food-pre-order> to submit your order.
- An order confirmation email will be sent to the email address you provide so you can verify and have a record of your order.
- Please plan to pay in person with cash or check (payable to 'Team 303 RAMP') when your team arrives for check-in on March 20, 2020.
- All pre-orders must be placed by Wednesday, March 18, 2020.
- If you have any questions regarding this process, you can email us at:

concessions@team303ramp.com

5.2 Event Concession Hours

The cafeteria will be open for food service during the event as listed below. An up to date Concessions menu is available on our event website at: www.303gametime.org/concessions/menu

Friday

4:00PM-Closing Dinner

Saturday & Sunday

8:00AM-11:00AM Breakfast

11:00AM-3:00PM Lunch

3:00PM-Closing Snacks

PLEASE NOTE: The sale of food and beverage at this event is a fundraiser for the host team and we respectfully request that participants and their guests do not bring outside food into the venue. Every effort has been made to keep the prices at a reasonable level.

6 Roster of Teams Competing

Team #	Team Name	Organization	Sponsors
25	Raider Robotix	North Brunswick Twp HS	Bristol-Myers Squibb Co./Neil Parikh/Picatinny Arsenal. US Dept of Defense/Rutgers University, Department of Engineering/CIMA/L3Harris Corporation/North Brunswick Public Schools/Raider Robotix Parent and Mentor Organization&North Brunswick Township HS
56	R.O.B.B.E.	Bound Brook High	Ethicon / Picatinny Arsenal / JM Staffing Solutions & Bound Brook High School
102	The Gearheads	Somerville High	Janssen Pharmaceuticals Inc./Picatinny Arsenal/Siemens Smart Infrastructure/Air Liquide/PSEG/Dr. Victor J. Bauer&Somerville High School
136	Killer Cardinals	Plainfield High	Plainfield Board of Education / Ivy Visions, Inc. & Plainfield High School
193	MORT Beta	Mt. Olive HS	Mt. Olive Board of Education / Mount Olive Robotics Education Association & Mt Olive High School
219	Team Impact 219	Warren Hills Reg HS	Picatinny-DoD/STEM/Google/Arxscan&Warren Hills Regional High Sch
223	Xtreme Heat	Lakeland Reg HS	Johnson & Johnson / Turner Pharmaceutical / Eagle Electric / Flemington Instruments and Controls / Picatinny STEM / Reno's Appliances / PatchAmp & Lakeland Reg High School
224	The Tribe	Piscataway Twp HS	Mars International / ARDEC Picatinny - NDEP / F&A Machine & Piscataway Township High Sch
303	The T.E.S.T. Team	Bridgewater Raritan HS	Bridgewater-Raritan High School / STS Tire & Auto Centers & Mavis Discount Tires / Picatinny & DOD Stem / Johnson & Johnson Healthcare Systems, Inc. / Nokia Bell Labs/Alcatel Lucent / Team 303 RAMP / BAE / J&E Metal Fabricators / SolidWorks / Investors Bank / VFW Post 2290 & Bridgewater Raritan High Sch
341	Miss Daisy	Wissahickon HS	Comcast/The Boeing Company/BAE Systems/Lockheed Martin/ABB/D.i.D. Agency/Denney Electric Supply/Computer Components Corporation/Penn State Great Valley/Merck&Wissahickon High School
747	Flight Crew	Community	ANSUN Protective Metals/Picatinny Arsenal/Veolia Environmental Services/Nokia Bell Labs/Quality Sheet Metal & Welding/Central Jersey Powder Coat&Family/Community
1228	RoboTribe	Rahway High	Astro Tool and Machine Co., Inc. / Samsel & Associates Realty & Rahway High School
1370	Thermogenesis	Middletown HS	NASA / Friends of Middletown Robotics / Presidio / Nutanix & Mot Charter School & Appoquinimink High School & Middletown High School
1626	Falcon Robotics	St Joseph High School	Grotto Engineering/Prudential/Saint Joseph High School & St Joseph's High School
1672	Robo-T-Birds	Mahwah HS	Optimum Architectural Manufacturing Corp. / Papay Engineering / Inserra Supermarkets, Inc. / HDR / Windels Marx Lane & Mittendorf, LLP / Mahwah Board of Education & Mahwah High School
1811	FRESH	East Side High School	Picatinny Arsenal & East Side High School
1923	The MidKnight Inventors	W. Windsor-Plainsboro HS (N & S)	West Windsor Plainsboro Regional School District/Bank of Princeton/ROBART Inc./Bristol Myers Squibb/SolidWorks/Friends & Families of 1923&W Windsor-Plainsboro Hs-North&W Windsor-Plainsboro Hs-South
2539	Krypton Cougars	Hershey HS	TE Connectivity/Comcast NBCUniversal/Philadelphia Mixing Solutions/H. R. Weaver Building Systems&Palmyra Area Senior High Sch&Hershey High School
2559	Normality Zero	Dauphin Co Tech School	TE Connectivity / The Hershey Company / Janville Roofing and Siding & Dauphin Co Technical School
2577	Pingry Robotics	The Pingry School	The Pingry School
2600	Team Falcon	Jefferson Twp HS	Picatinny Arsenal / BAE Systems / National Defense Education Program & Jefferson PackDevCo / Edward Griffiths / NASA / National Defense Education Program / Johnson & Johnson / ThorLabs & Newton High School
3142	Aperture	Newton High	Nokia Bell Labs/Cisco Systems/Picatinny Arsenal&Hunterdon Central Regional HS
3637	The Daleks	Hunterdon Central High	Picatinny DoDSTEM / LockHeed Martin / Boyce Products Inc & Honesdale High School & Western Wayne High School
4285	Camo-Bots	Honesdale HS, Western Wayne HS	Harris/East Coast Custom/Frank J. Pinto Foundation /Friends of South River HS
4573	SRNJRambotix	South River High	Rambotix Team 4573/Nokia&South River High
4652	Ironmen 2	Don Bosco Prep High School	Picatinny Arsenal/Troianos Trust/Inserra ShopRite Supermarkets, Inc./Manhattan College&Don Bosco Preparatory High Sch
4653	Ironmen Robotics	Don Bosco Prep High School	Picatinny Arsenal / Troianos Trust / Inserra ShopRite Supermarkets, Inc. / Goya Trust / Manhattan College & Don Bosco Preparatory High Sch
5490	The Dark Byte	Moravian Academy-Upper School	Lockheed Martin&Moravian Academy-Upper School
5732	ROBOTIGERS	Bloomfield High	Picatinny Arsenal/Triad Tool/Gerber Metal Supply Company/AAMCO Transmission of Bloomfield NJ/Dezine Line Custom Screen-Printing and Embroidery/TechFlex /Skyline of New Jersey&Bloomfield High
6016	Tiger Robotics	Hackettstown HS	Hackettstown High School
6943	Blue Bears	Barringer Academy of STEAM	Barringer Acad of STEAM
6945	Children of the Corn	N Warren Reg High School	Picatinny Arsenal / Albanese Solutions / MDavis / Brandt Box / Martinellis / Stuber Insurance & North Warren Regional High Sch
7045	MCCrusaders	Morris Catholic HS	Picatinny Arsenal & Morris Catholic High School
7587	Metuchen Momentum	Metuchen High	Argosy Foundation/CBRE/Chipotle/ExxonMobil/Fulton Bank/Google/Holler Metal Fabricators/IEC-NJ/LaRosa Pizza/Metuchen Education Foundation/New Pearl Cleaners/NOKIA Bell Labs/Picatinny STEM/See-More Appliance&Metuchen High School
8075	Cyber Tigers	Dover HS	Dover High School
8117	RoboRovers	Easton Area HS	Easton Area High School

7 Pit Map

Bridgewater-Raritan H.S. --- PIT AREA

Color Key

- Doorway areas
- Rolled Wrestling Mats
- PIT Area Power Distribution AREA
- Bleachers folded in
- FRC Practice Field
- Power Cable from Generator
- (currently undesignated)
- Finger Power Pagodas
- Main Power Pagoda and Feeder Cables

