

2nd Annual

MidKnight Mayhem

FTC Outreach Scrimmage

- First and foremost, we thank our gracious hosts, MidKnight Magic, MidKnight Inventors, ... and West Windsor / Plainsboro HS North.
- We'd also like to thank our volunteers and our mentoring teams who are coming to share the benefit of their knowledge and experience with our newest FTC teams and interested guests.
- Last but not least, THANKS to our new team members and guests. It is great to have you join us at this Outreach Scrimmage. We are delighted to have you with us this Saturday and look forward to seeing you compete at future events.

West Windsor – Plainsboro High School North
90 Grover Mill Road, Plainsboro, NJ

Map Quest: <http://mapq.st/S18ZN>

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Event Start 9:00 am

Event End 3:30 pm

SCHEDULE FOR THE DAY

	Welcome	Coffee, Juices, Doughnuts as folks arrive, mingle and get settled.
9:00	Orientation	Powerpoint overview of FIRST Robotics, FTC and the Teams & Events in New Jersey.
9:15	FTC Team Discussion	Description of this year's official FIRST Game. Supporting FTC members describe the design of representative robots, how the game is played, and the season.
9:30	Today's Special Game Discussion (Q&A)	Details of the event's competition will be described. Q&A period. Brainstorming.
9:45	Alliance Formation	Mentoring FTC members are partnered with the new (and future FTC team members) to create 2-robot Alliances
10:00	Robot Prep	Training robots (jersey-bots) are loaned to the competing Alliances. These robots can be modified with mechanisms to best play. Veterans assist new people in making the necessary modifications.
11:00	Practice Time - Large Bots	Large FTC robots, owned by teams, have the opportunity to operate on the special Field to practice with the various elements.
11:30	Modify & Practice Time - Small Bots	Small training robots, loaned to teams, have the opportunity to operate on the Field.
12:00	Lunch	
12:30	Mini-Competition Kick Off	Teams reconvene in the Competition Area. Final questions are answered. Matches begin.
12:45	Competition - Phase 1	Matches are played. Every team competes in three matches and has a chance to play against every other Alliance.
1:45	Competition - Phase 2	Possible modifications to the Game Rules are announced and a second round of matches are played.
3:00	Closing and Awards	Event Awards given to the Winning Alliance. Photos for the event album. Closing remarks.
3:30	Event Complete	

VENUE & GENERAL INFORMATION

Supplies: If you are a mentoring team and hopefully bringing your robot, please be sure to bring a Utility Strip, Safety Glasses, Battery Chargers (marked with Team Number) and spare parts.

Arrival: Please try to arrive between 8:30 and 9:00am and report to the check-in table immediately upon arrival. This will allow us to promptly match up guests with veteran teams ..and start the progress. Please call 862-432-1526 if you are going to be late or if something unforeseen happens.

Pit Area: The Pits will be located in the school cafeteria area. We will place Alliance Partners into adjacent tables. There will another set of tables nearby on which can be found assorted Tetrix parts that can be shared for use on the loaner robots.

FIRST AID

Please go to the Pit Administration table for basic First Aid Supplies. Please alert the event organizers if more involved care is required.

GENERAL CONDUCT

Participants and volunteers are expected to behave with Gracious Professionalism at all times. Any unruly behavior or actions which create safety concerns may result in warnings or ejection from the site at the discretion of the organizers.

Ungracious or threatening behavior directed at referees or event volunteers will not be tolerated and will be grounds for disqualification and ejection from the event.

GENERAL SAFETY COMMUNICATIONS

Please notify an Event Crew member if you have any safety issues or concerns. Please report any illness or injuries to the Pit Administration table or event organizers.

FOOD: Our hosts will have snacks available for arriving teams and guests. They will also handle lunch. Please bring some pocket money for food . All prices will be very reasonable.

DETAILED EVENT INFORMATION

FTC Demo: We will have information available on the official FIRST Game of 2015/2016 “RES-Q”. The game will be described and mentoring teams with functioning tournament bots will demonstrate some of their scoring moves.

FTC Robot Review: Mentoring teams will also describe their robot design and how some of its features evolved over the year, with more experience playing “RES-Q”

Competition Unveiling: In order to fully engage not only the veteran teams’ tournament bots but also the rookie teams’ loaner-bots, a modified version of “RES-Q” will be played. Detail (e.g., specific game rules, point scoring, dimensions) will be available at the event.

We’d really like to challenge the alliances with the details of the competition on June 25th so that both teams in the alliances work together to strategize and to ready the small bot. (It is not intended for veteran teams to modify their tournament bot in any way.)

Competition Overview: At the heart of the modified Game will be the basic elements of RES-Q (i.e., placing blocks and balls in baskets on the Mountain, placing Climber pieces into Rescue Shelters, etc ... BUTthe Small Bots will also play a key role in the Game ...most likely retrieving and passing game elements and bonus pieces to their big brother Alliance Partner.

It will be vital to an Alliance their Small Bot is effectively modified and driven by our rookies.

Robot Readiness: It is intended that Mentoring Teams will assist their guests in preparing their Small Bot for the competition.. It is expected that our alliances will much improve upon the basic jersey-bot design. We want guests to do the hands-on work ,though, with advice/ counsel from our veterans. Veterans are also asked to help with simple changes to programming.

It is our hope to convert a number of jersey-bots from NXT to RobotC for this event. We know that not all teams are familiar with both controllers. Input on degree of proficiency will be helpful for the day’s plan.

Gracious Professionalism: Please act in accordance with the guidelines of Gracious Professionalism. Ungracious behavior directed at referees or event volunteers will not be tolerated and will be grounds for disqualification from the event. Be kind to your referees, fellow teams, and help them as needed.



Team List

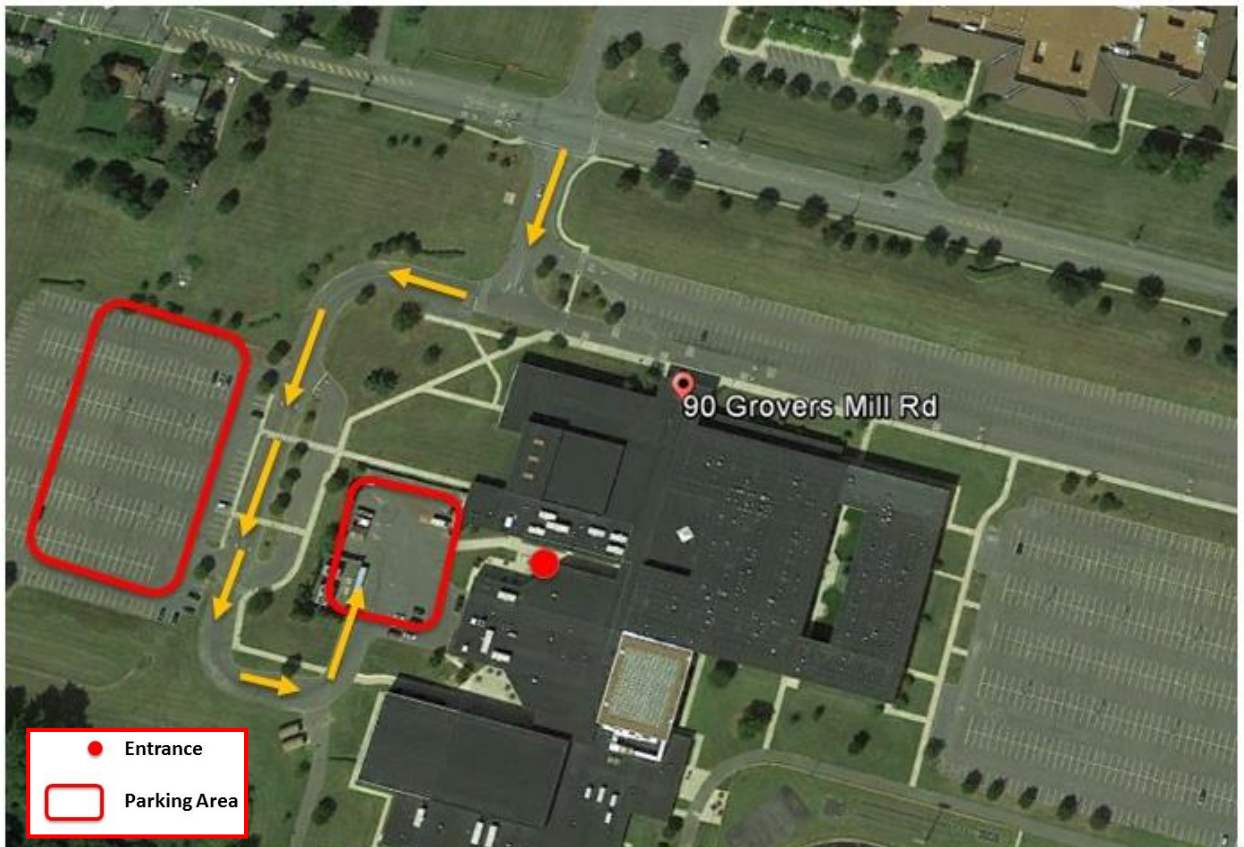
7040	Cyber Falcons
7350	Watt NXT
8421	Tiger Cubx
8812	Cyber Raptors
9042	MidKnight Magic
9765	Mechanized Bacon
9927	MidKnight Magic Too
9971	LANbros
9889	Cruise Control
9999	Ninejas

It is typical to have 6 Teams support an Outreach Scrimmage. As you can see, we have many more than that.









BUT take note, not all of the Teams above are strictly veteran team members. Some have rookies and will split off new members to build the rookie team bots.

Since we have a 16x16 Field (at minimum), the Game may well put 3, rather than 2 robots on the field at a time for an Alliance. Brace yourself for a lot of action!!

PARKING & ENTRANCE



Directions to WW-P High School North from US Route 1

-  1. Once in Plainsboro, take the **Scudders Mill Rd** ramp.
-  2. Turn **slight right** onto **Scudders Mill Rd/CR-614**.
-  3. Turn **right** onto **Schalks Crossing Rd/CR-683**.
-  4. **Schalks Crossing Rd/CR-683** becomes **Parkway Ave**.
-  5. Turn **right** onto **Edgemere Ave**.
-  6. Turn **left** onto **Maple Ave**.
-  7. Turn **left** onto **Grovers Mill Rd**.
-  8. **90 GROVERS MILL RD** is on the **right**.