

2ND ANNUAL “STEM DAY” WEEKEND MEET 12-19

First and foremost, we thank our hosts, Nabil Mouline, the JerseySTEM FTC Robotics Teams, and Chatham Middle School.

We'd also like to thank the event volunteers, mentors, and coaches for all that they do to promote STEM in New Jersey.

Best of luck to all of our participating teams!

Location:

**Chatham Middle School,
480 Main Street
Chatham, NJ, 07928**

**Team Registration: 8am
Event Completes: 4:30pm**

EVENT INFORMATION

- **Arrival:** It is important that all teams show up on time and report to the check-in table immediately upon arrival. This will allow us to make the match schedule quickly. Please call 862-432-1526 if you are going to be late.
- **Parking** - There is plenty of parking in the front of the school and signage will point the way to the event in the school gymnasium.
- **Food:** The folks at Chatham MS have plenty of the typical great food, Ask team members to bring some pocket money for snacks and for lunch. More information will be available at Team Check-In.
 - As with all NJ FTC events, food is very reasonably priced and we ask that teams support our host by purchasing their lunch on site, rather than bringing their own or ordering out. If your team members simply have some pocket-money for lunch and snacks (and you coordinate your lunch order submittal by 9am) all will be just fine. Snack food, water, soda, coffee, and bagels will be available on your arrival.
- **Pit Area:** The Pits will be located in the school cafeteria. It is an easy access from the Parking Area and through the front door of the school. The NJ FTC Competition Area will be marked
 - Please stay within the boundaries of your pit; be kind to your neighbors. If you have large banners, displays, or posters, we can find a space somewhere else in the arena for these items. The Pit Areas should stay clear of obstructions to traffic. NO Team networks are allowed in the Pit.
- **Competition Area:** We are really asking folks to adhere to the “controlled area” limits around the field. Only the 3-member drive team and involved volunteer should be at the field. Let’s make sure that everyone gets a good chance to see the robots in action!
- **Queuing:** Per usual, Queuers will work with adult Lead Queuers to help teams to move from the Pit Area to the Competition Area in time for matches. Per usual, we will likely queue ~2 matches ahead and ask that those Drive Teams / Bots standby in Queuing Hold Area (designated at the venue.)

EVENT INFORMATION (continued)

- **Supplies:** Be sure to bring a Utility Strip. Safety Glasses, Battery Chargers (marked with Team Number) and spare parts.
- **Inspection:** Bring your robot to Inspection IMMEDIATELY upon arriving. This is always THE pacing element in getting the competition started on time. Please help. **Similar to Judged Interviews, your team will be given and Field Inspection (i.e., Software Inspection) Appointment Time at Check-In (and emailed also by December 17th).**
- **Robot Marking:** Remember to have your team numbers on the robot in large size, per specification. That sometimes does not happen early in the season. So too, make sure that your robot accommodates the mounting of the Alliance Flag.
- **Match Lists:** We are often asked “when will Match Lists be available?”. They will be handed out ~10:00. The information will be available sooner if all teams are able to pass inspection earlier.
- **Opening Ceremony:** Drivers Meeting will be 10:15. That will flow into a brief Opening Ceremonies, and the start of Matches at 10:30, 10:45 at the latest..
- **PIT SAFETY:** Safety expectations and rules at this Meet are the same as for all FIRST events. Please refer to the FIRST manual for those standards.
- **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.
- **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.
- **FIRST AID:** Please go to Pit Administration table for basic First Aid Supplies. Please alert the event organizers if more involved care is required.

STEM Day Meet - Schedule

7:00 - 7:30	Arrival Time for Start-Up Volunteers
7:30 AM	Volunteers Arrive
8:00 AM	Team Registration and Inspection Stations Open
8:00 AM - 10:00 AM	Hardware and Software Inspection
10:00 AM	Match List Available
8:30 AM - 10:15 AM	Judge Interviews
10:15 AM	Teams in Position for 1st Four Matches
10:15 AM	Drivers Meeting
10:30 AM	Opening Ceremony
10:45 AM	Start Qualifying Matches (~28 Teams: 5 Matches Each) ~35 <u>Matches to be Played</u> [5 Minute Cycle Time]
	18 Matches accomplished before Lunch
12:15 PM	Lunch Break
12:45 PM	Start Final 17 Qualification Matches
2:30 AM	Qualifying Matches Over
2:45 PM	Alliance Selection
3:00 PM	Start SEMI-FINALS 6 Matches Used to Yield 2 Alliances from 4 [48 Minutes]
3:45 PM	Start FINALS 3 Matches Used to Yield the Winning Alliance [24 Minutes]
4:15 PM	Complete FINALS (2 Alliances - One Winning, One Finalist)
4:15 PM	Closing Ceremonies
4:30 PM	Tear Down / Event Complete

CURRENT TEAM LIST

<u>Team Number</u>	<u>Team Name</u>
3777	Mecha Lions
4086	Oratory Prep 2
5339	The W.A.L.K.E.R.S
5354	Oratory Prep 1
5406	Optimus Bee
5573	RoboCougars
7994	HCST 7994
8405	Millburn Robotics
8522	Locomotors
8574	WeByte
8591	RAMpage
8816	ML Robolitics
9554	HCST 9554
9853	Chatham Cougars
9889	Cruise Control
9891	Team Titanium
9951	Matrix Robotics Club
10096	Those Guys
10242	ChatterBots
10243	Ramsey High
10300	Robo-Dragons
10553	Nutley HS
10603	Wood-Chips
10626	PCTI-2
10627	PCTI-1
10633	HCST 10633
10788	ML Robotics II
10919	Fawkes Robotics

Awaiting final confirmation from teams in red text.

JUDGED AWARDS

- **Appointments** – Each team will have pre-scheduled interview time. The Judged Interviews are spaced 15 minutes apart. The Appointment Schedule will be available at Team Check-In AND should also be sent to Coaches via email a few days before the STEM Day event (as the final listings of teams and judges are set).
- **Traditional Judged Awards** – It has become standard practice in New Jersey to include interviews and judged awards at Meets, particularly Full Day Meets. With the exception of Inspire, the four traditional awards (Certificates) will be given out .. Innovate, Design, Motivate, Connect. These certs are good accomplishments to add to your team portfolio.
- **Engineering Notebooks** - There will be an opportunity for a Think Award Certificate and to get some early feedback on your Engineering Notebook. Please bring it and plan to submit it at Team Check-In if you'd like some helpful critique of it.
- **Control Award:** The inclusion of this award is dependent upon interest from the teams and upon having a sufficient number of Judges to address the award. Teams who are interested in the award should advise NJ FTC as soon as possible. We do not want to staff volunteers if there will be few or no applications. On the other hand, we are happy to support the award if teams are interested. Hopefully, we will hear from a sufficient number.
- **See you on Saturday** There will be some signs to direct you from the Parking Lot to the venue. Good luck with your preparations.

