



# Fall Update

*Team Paragon*



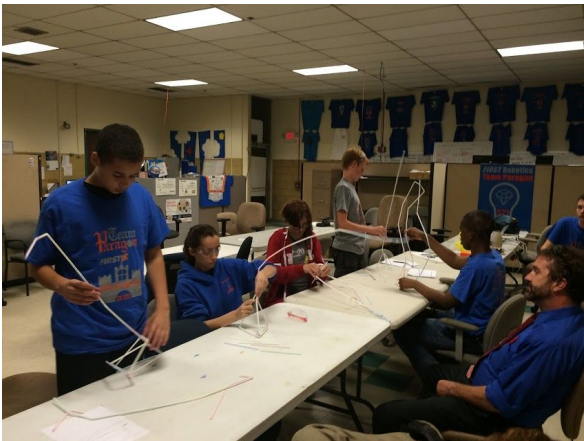
## Fall

School is back in session which means our build season is approaching. Before we can jump into things, our team must know how to do so. This part of the year consists of new member introductions, lessons, training videos, hands on experiences, fundraising, and so much more. The team has new faces and this is their time to adjust to the flow of robotics.



**Library Envelope Stuffing - September 13th**

For the second year, Paragon students and mentors helped out at Windsor Public library’s envelope stuffing event for their fundraising campaign at the Wilson Public Library. Thousands of envelopes were stuffed, snacks were eaten, and everything was wrapped up in record time thanks to the numerous number of volunteers present. Did you get your Library fundraising letter? Thanks to all who helped out!



**Meeting - September 19th**

At the second meeting of the year, a few new members and veterans rotated through 3 stations throughout the night. The first was a challenge by Mr. Moore - to build the tallest tower possible using only 20 straws and 10 paper clips. The results were very impressive and creative! The second two stations related to a upper and lower tool kit scavenger hunt. Members pulled a picture of a tool out of a hat, and were required to give it’s name, function, and location in the tool chest to receive full points. This was quite an exciting way for even veterans to learn where different tools for and how they were used.

**Parent Meeting - September 26th**

Parents were invited to the build site to get introduced to the team and what we do. Mentors explained how the team can benefit each individual student, and exactly what their child is able to be exposed to. Meanwhile, on the playfield, students learned about their fundraising requirements for the year and how to approach different businesses for sponsorships. After some practicing, students signed up for specific companies to go out in pairs or alone to raise money for the team.



**Meeting - October 3rd**

Today, the team learned about the process of tapping threads. After a quick demonstration by Mr. Koenig, each student was given the opportunity to practice this skill. By getting the opportunity to work through step by step through the tapping process, all students were able to become confident in their abilities and be able to complete the task themselves in the future.

**Lions Craft Fair - October 8th**

The Team once again volunteer to assist the Lions Club at their annual Craft Fair. The volunteers split it into three shifts: either choosing to wake up early to help prepare, run lunch later in the day, or help clean up after the process. Overall, the event was extremely successful. Paragon certainly made their presence known at this volunteer event in the community.



**Meeting - October 10th**

At this meeting, team members participated in required power tool training. Mentors at each station went through a checklist of items to teach the newbies and refresh the veterans about the safety and usage of tools such as a bandsaw, drill press, sawzall, cordless drill and disk sander. This tool training helps maintain the safety of our team members and ensures tasks during build season run more smoothly.



### Stafford Swap Meet - October 16th

The team took to the streets and drove all the way to Stafford Motor Speedway to gather at their annual swap meet. Despite a chilly start the sun came out and was a wonderful day to show off our robot and accept the generous donations of many patrons. Candy was offered to any kind donators and all children who came by.

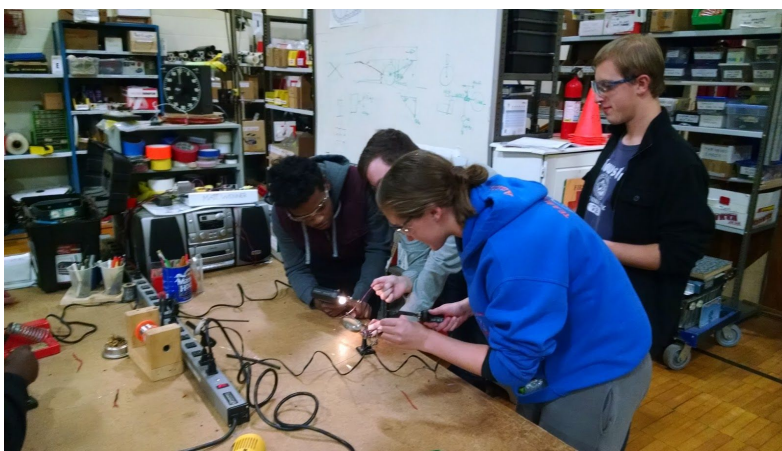


### Meeting - October 17th

At this meeting, Mr. Koenig taught all team members about gears and torque. He explained how different sizes translates to different amounts of torque, and passed around many different examples for the students to look at/play with. We ended off the night finishing up tool training for those who weren't present at the last meeting, and breaking apart more things in the recycling room to recycle or use for later.

### JFK Family Science Night - October 21st

For the first time, Team Paragon presented at Kennedy Elementary School for their annual Family Science Night. Members of the team shared their experience with robotics with the young students and their families. They showed off and explained several of our robots during the evening.



### Meeting - October 24th

At this Monday meeting, the team learned all about different types of bearings and their usages, both in the real world and on our robot. Students were introduced to how different bearings are able to move, and passed around different examples of ball bearings and linear bearings to play with and understand its range of motion. After this training session the team broke into multiple sub groups to work on soldering skills, tool handling while disassembling last year's robot and programming.

### Wednesday Build Sessions - September 28th, October 5th and 12th

For three Wednesday Sessions, Team Paragon (aka Justin and mentors) volunteered to help the FTC team construct their playfield for this year's upcoming game. Together, they created a spinning object that is a major part of the FTC field. The FTC team thanks our efforts.

### Upcoming Events:

EMS Food Drive at Stop and Shop in Windsor- November 12-13

Jaycees Tree Sales at Wilson Shopping Plaza- December 3rd and 4th

EMS Toy Drive - December 10th and 11th in front f Windsor Safety Complex

KickOff - January 7th

-AMANDA AND JUSTIN

