



November Update

As the month of December comes to a start we bring you an update of what the team has done throughout the month of November, and what we will be doing throughout December.

Overview of Monday Meetings:

Monday 11/3:

This Monday, everyone got power tool training, thanks to a number of the mentors leading exercises on all of our tools. This night was vital for every student, because in order to participate in the build season in the future, they



needed to be trained on how to use the various tools we have. During that meeting we got the final tally on the amount of food we got from the food drive we had been holding for the past couple weeks at the High School.

The final tally was more than 150 lbs. of food for the Windsor Food & Fuel Bank! Erik Lazurus from the Foodbank also came to visit us, and he gave us some figures on what the Windsor Food and Fuel Bank actually does,



and how many families they help.

Monday 11/10:

The next week we appreciated a lesson from Matt Mormino, who works at Kaman on ball bearings, and he taught us about the different types of bearings. We also learned how Kaman uses them, and how we might use them. Bearings play a vital role in our robot, and we use them regularly, to equip and run our robot. Last year, two of our wheels themselves were actually large ball bearings

Monday 11/17:

Today everyone learned from Mr. Moore about AC and DC motors. Mr. Moore showed us how we can use electromagnets to run our robot, and how they can be used in other things like dams and mills. He brought out hand-crank motors, and we proceeded to see which one was better, given that one had more bulbs than the other. The one with more bulbs was harder to turn, but brighter, than the one with less bulbs. Since the one with more bulbs required more energy, it means that in motors with more torque, it requires more energy.



Turkey & \$20:

November 15th we held the turkey and \$20 drive at the town green. Students held signs and a turkey puppet to advertise the drive by the library. Some students got really involved and made their own signs to use. Even though it was cold, spirits were uncrushable, and we made it through the day. At the end of the drive



the team had raised over \$700 and 17 turkeys for the Windsor Food Bank.



EMS Stop & Shop Food Drive:

On November 22nd and 23rd, we helped out the Windsor EMS with their food drive at Stop and Shop. Students stood at the entrance and exit of the store handing out flyers listing items being collected. We also handed out carts to people who were coming into the store to shop. Students helped collect and sort the items given to EMS for the drive, that goes to the Windsor Fuel and Food Bank, to help needy families over the holiday seasons.



Jaycees Tree Unloading:

On November 29th, the team assisted the Jaycees in unloading the Christmas trees for their annual Christmas tree sales. Students helped unload a truck full of the trees, and the students put them in their designated spot

based on their size. They are selling trees until they run out at the Ocean State plaza in Windsor.



Chili Challenge:

Last update, we accidentally left out how we participated in the Chili Challenge. We did not come in first, but both Governor Malloy and Candidate Tom Foley both tried our Chili. The event was a huge help to get us out there, and we were noticed by many, thanks to Blue Cyclone making a guest appearance under the tent, flashing it's headlights.



Upcoming Events:

1/3/15: Kick-Off!

From the Captains: ~ Matt & James

You can follow Team Paragon at www.teamparagon571.org