



Littleton Robotics – FRC 6328

Fall 2018 Newsletter

PowerUp Competition Season Recap

Littleton Robotics finished up our second competition season this past April at the World Championship in Detroit! We had an extremely successful second season, competing at 4 events, bringing home 4 awards and 2 coveted blue banners, as well as ranking 19th overall in New England out of 200 teams. Below is a recap from each of our competition events.

Southeastern Mass District – March 2018

Our first competition this season was the SE Mass District in Bedford, NH. We were quarterfinalists in the elimination tournament at this event, and brought home the most prestigious award in FIRST, the Chairman's Award. This was the first time the team was eligible for this award, so it was a major accomplishment to take the Chairman's banner home.



Rhode Island District – March 2018

Our second competition was the Rhode Island District in Smithfield, RI. At this event, we ranked 1st overall, and captained the 1st seed alliance in the elimination tournament. Our alliance took it all the way to the finals to win the event! Our team also brought home the Entrepreneurship Award for our well-developed business plans and community outreach program.



New England District Championships – April 2018

Our team's performance at the district events qualified us for the New England District Championship at BU where we competed with 60 of the best teams in New England. We ranked 20th in the NE district and brought home the Judges Award.



World Championship – April 2018

Our high-level performance in the New England District qualified us for the World Championship in Detroit. We competed with 400 of the best teams in the world, and ranked 6th overall in our division, making it to the division quarterfinals. It was a great end to a fantastic season!



Littleton Robotics Runs Summer FIRST Lego League Program for 2nd Season

This past summer, Littleton Robotics ran their second season of the summer FIRST Lego League (FLL) program. In FLL, students are tasked with building a fully autonomous robot to complete specific game missions, completing an in-depth research project on a topic related to the game theme, and demonstrating their team work abilities. Throughout the summer, the middle school students built robots to play a game called “FLL PowerUp,” which was designed by team members of FRC 6328 and based on the 2018 FRC game. The goal of this was to get students excited about FRC, so they stay in the FIRST program upon graduation from FLL. The students built their summer robots in 6 weeks, and ended the summer session with a demo at Boston’s Greenfest in City Hall Plaza.



FLL 2018 Competition Season – Into Orbit

The Littleton FLL teams are now in the middle of their 2018 competition season, playing a space-themed game called Into Orbit. The teams will complete space-themed robot missions, solve problems astronauts face during long term space exploration, and hone in their teamwork skills before their qualifier competition on 11/17. The FLL teams have also attended demos in Boston and NH, and will assist the Littleton Girl Scouts in obtaining programming and robotics badges this November.



UPCOMING EVENTS



Best Buddies Friendship Walk

The team will be attending the 2018 Best Buddies Friendship Walk on 10/20 to demo our 2018 robot. We will have hands on STEM activities as well.



Acton Discovery Museum Demo

We will be headed to the Acton Discovery Museum on 11/2 to demo our 2017 robot for a Free Friday!



Girl Scouts STEM Badge Night

The girl scouts are coming in on 11/10 to work on getting their robotics and programming badges. We will have stations set up around mechanical design, writing robot code and learning about FIRST.



FLL Qualifier

We will be hosting an FLL Qualifier on 12/1 at the Boxborough Regency. Huge thanks to the Boxborough Regency for sponsoring this event!



Our FRC & FLL kids at Boston Greenfest in August.

Recent Outreach Events

Touch Tomorrow at WPI

FRC 6328 attended Touch Tomorrow at WPI in June and demoed our 2017 robot. It was our first time at this event and it was a blast!



Greenfest in Boston City Hall Plaza

Our high school and middle school members went out to Boston for Greenfest in August. We demoed our 2018 robot, and our FLL students demoed their FLL PowerUP robots. It was a great way to show the City of Boston how cool FIRST is!



RoboExpo at Pheasant Lane Mall

Our FRC and FLL teams attended RoboExpo in September. We demoed our robots and were able to share the FIRST program with all the mall-goers!



Fall Fundraisers

Our team will be running two fundraisers this fall to raise money for our 2019 season. Support the team by buying tickets for our Pasta Dinner and Night Out Raffle!

Pasta Dinner – November 15th, 6-8PM, Littleton Middle School Cafeteria

We are hosting our third-annual Pasta Dinner on Thursday, 11/15 in the Littleton Middle School cafeteria. Tickets are \$10 for adults, \$5 for 10 and under and 65+, and free for 3 and under. Email info@littletonrobotics.org for tickets.



Night Out Raffle, November 15th-January 5th

We will be raffling off a 1-night stay in any hotel, \$150 for dinner and \$300 for tickets to a show/concert. Tickets will be \$10 each or 6 for \$50, and will be available starting November 15th. Visit littletonrobotics.org when the raffle opens to purchase tickets. The winner will be announced after the raffle closes on January 5th.



Looking for More Information?

Littleton Robotics is always looking for new student members, mentors and sponsors so please reach out to us if you are interested in any of these! Our contact information can be found below, and don't forget to follow us on our social media accounts for regular updates.

Contact Information

Email: info@littletonrobotics.org

Team Website: littletonrobotics.org

Facebook: <https://www.facebook.com/mechanical.advantage.littleton/>

Instagram Handle: FRC6328

Twitter Handle: @FRC6328

Mailing Address

Littleton Robotics

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Sponsorship Information

Checks should be payable to “Littleton Robotics” or use the Paypal button under the Donate tab on our website.

Donations are tax-deductible (Tax ID number 81-3261821)