



Our Outreach

Embracing #morethanrobots

Our Mission:

To provide leadership opportunities for members of our community, encourage girls to enter the fields of science, technology, engineering, and mathematics (STEM), and serve the needs of underprivileged students in Los Angeles by furthering their educational opportunities in STEM.



CoachArt



Our team works with CoachArt to help kids with chronic illnesses learn how to code. We created a 3-4 week coding curriculum where we teach Processing. So far, we have taught over 100 kids how to code. CoachArt typically hosts art and sport workshops, but we are their first STEM based workshop!

Visiting Ecosense



We visited Ecosense Lighting in November to present about FIRST, FTC and the Marlbots! In return, they gave us some tips on our CAD, business and wiring, and drove two of our robots. This partnership has helped us connect with engineers and spread FIRST to our surrounding community.

Black-ish



In January, we participated in an episode of Black-ish. Our robot from last year, Sally Ride, was transformed into "LeBot James" in the episode, which aired on February 25th on ABC. This was a great opportunity to get a huge audience to know FTC, as over 2 million people watched the episode!

Design Panel Review



Near the beginning of the season, we hosted a panel of engineers from UCLA and JPL to give us feedback on our robot design. They gave us a lot of useful advice about time management and making sure not to sacrifice the quality of mechanisms under time pressure throughout the season.

No Limits Program



Our team is partnered with No Limits for Deaf Children to develop a robotics curriculum for students with hearing impairments. We developed the introductory curriculum to expose the students to mechanical engineering and coding through lego robots and Scratch.

LA Scrimmage



In February we hosted a scrimmage between 12 teams in our region! We partnered with FIRST Ladies for the event in order to spread our mission of utilizing STEM to make change in the world. We held a scrimmage, design panel with engineers and FTC experts, and had some interleague bonding.

Other Outreach:

- Hosted League A1 Meets at Marlborough
- Showcased L3-37 at Center for Early Education STEM Event
- Hosted Fairfax FTC #17176 for two collaborative work sessions
- Google Hangouts call to give advice to Santa Fe FTC #4947
- STEM+ Galleries, Grandparents Scrimmage, and SPARC Celebration of Innovation to spread FTC at school
- Helped organize All School Meeting that included a scrimmage in front of about 500 students and teachers
- Partners: LGBTQ+ of FIRST-gold, FIRST Ladies-regional
- Sponsors: Simscale, ABC, Studio Printing, Actev Robotics