



FRC 1360

ORBIT ROBOTICS

SPONSORSHIP

INFORMATION



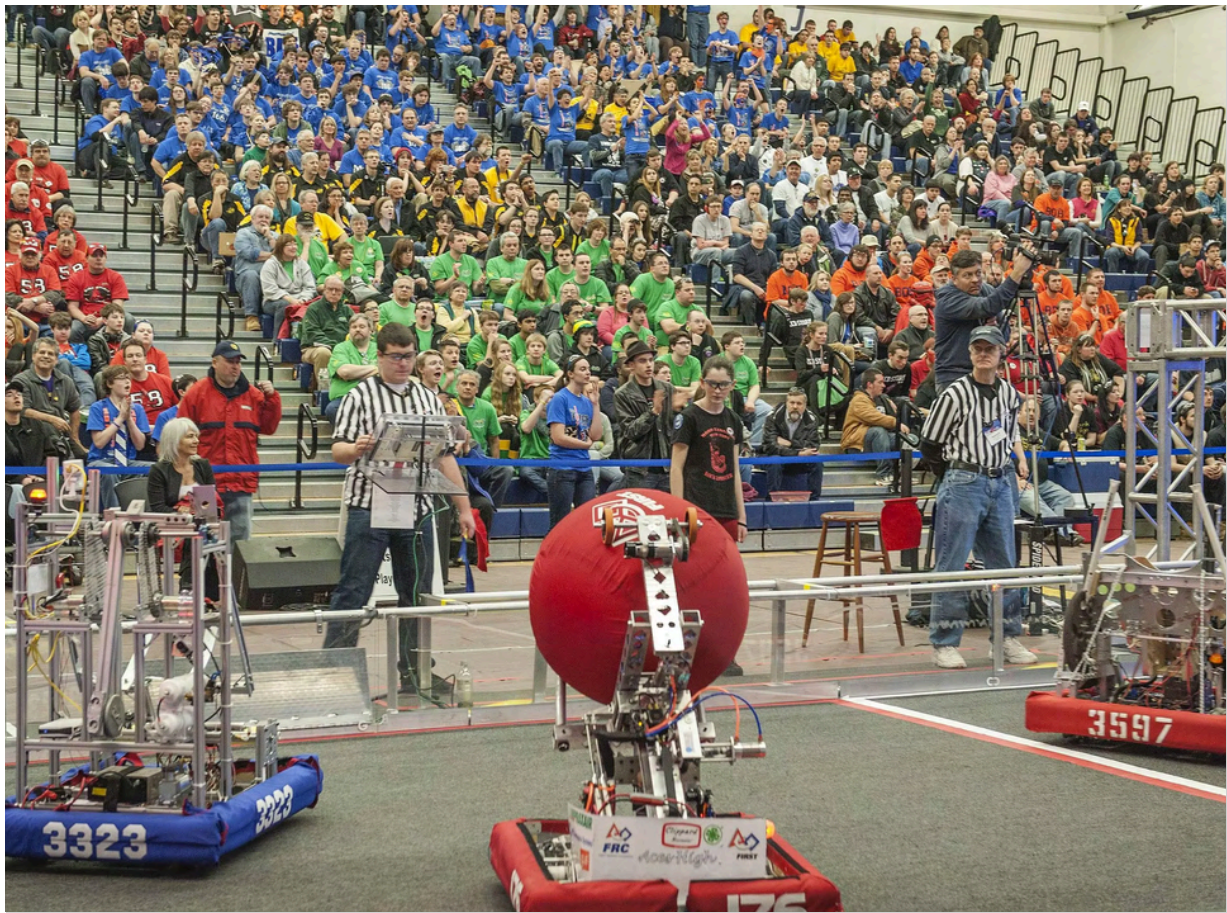
481 North Service Rd W
Unit A3, Oakville L6M 2V6



info@1360.ca



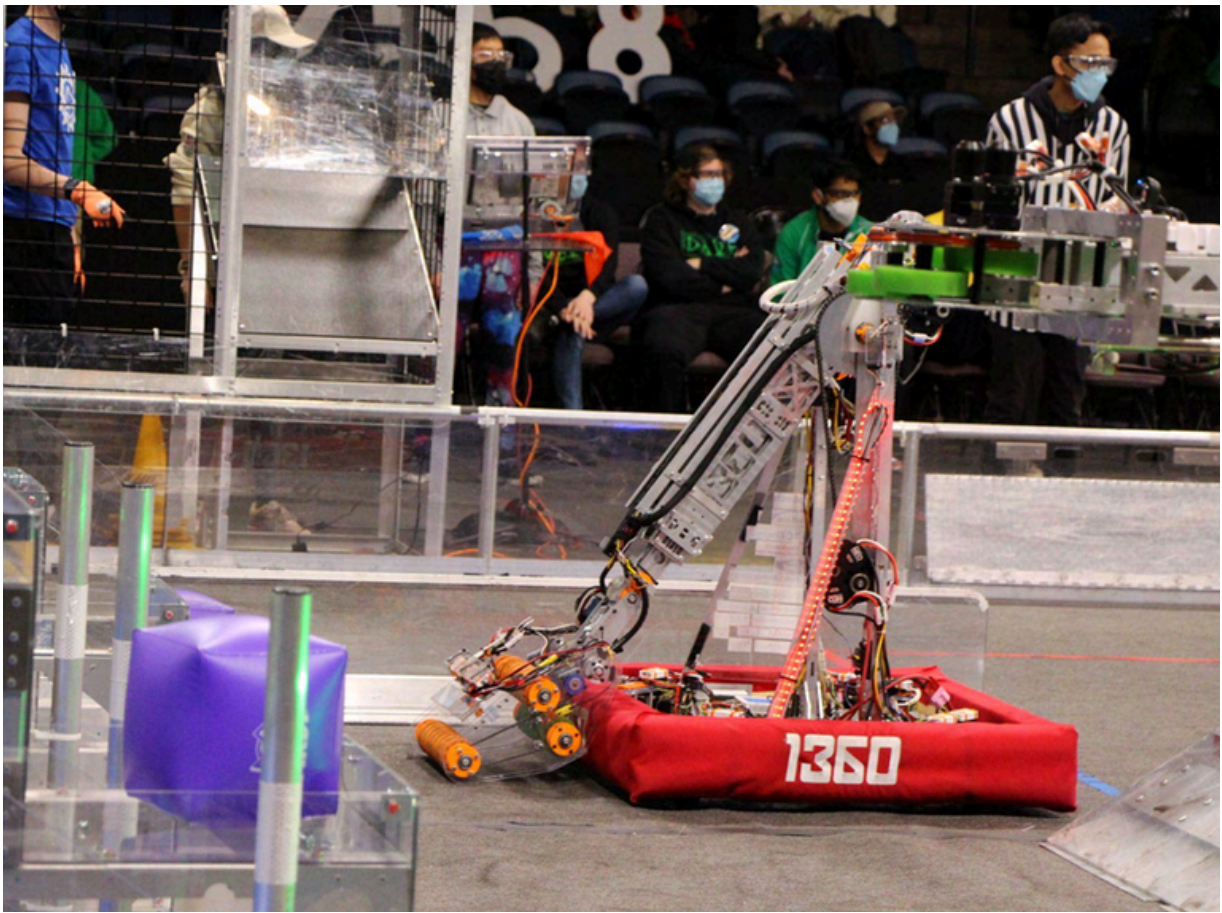
www.1360.ca



ABOUT FIRST®

Combining the excitement of sport with the rigours of science and technology. *FIRST*® Robotics Competition is the ultimate sport for the mind. High-school student participants call it “the hardest fun you’ll ever have.”

Under strict rules, limited time and resources, teams of students are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program industrial-size robots to play a difficult field game against like-minded competitors. It's as close to real-world engineering as a student can get. Experienced adult mentors volunteer their time and talents to guide each team. Each season ends with an exciting *FIRST* World Championship.



ABOUT OUR TEAM

Established in 2015, Orbit Robotics offers age-relevant programs for over 60 students unable to access *FIRST* programs at their school. As a community team, we are not affiliated with any school board. Orbit Robotics welcomes students from over 50 public, catholic, and private schools, offering the following programs:

- *FIRST* Robotics Competition Team (FRC) for grades 9 - 12
- *FIRST* LEGO LEAGUE Teams (FLL) for grades 4 - 8

Orbit Robotics is a registered charity. We rely on the generosity of our sponsors and dedicated volunteer adult mentors.



ACCOMPLISHMENTS

- Awards every year at competitions
 - 3X recipient of the prestigious *FIRST* Impact Award (formerly The Chairman's Award)
 - 2X District Event Winners
 - 5X winner of the *FIRST* Sustainability Award
 - 7X winner of several technical awards
- Advanced to compete at World Championships twice
- Recognized by *FIRST* Canada as a primary resource helping start-up teams
- Granted \$11,000+ for helping *FIRST* Canada programs
- Mentors have received the Oakville Community Spirit Award

STUDENT IMPACT



100% of our students pursue post-secondary education



95% pursue STEAM in post-secondary education



Over \$185k in university scholarships since 2021



Team varies between 30% - 40% female



66% of leadership roles are female (4 captains)



Students gain access to internships/part-time jobs

OUR STUDENTS WIN COVETED SCHOLARSHIPS AND ATTEND PRESTIGIOUS UNIVERSITIES

McMaster FIRST Engineering \$15,000

Queen's Chancellor's \$34,000

Schulich STEM \$100,000



COMMUNITY IMPACT



Mentoring 18 FRC teams and hundreds of students over the past 10 years



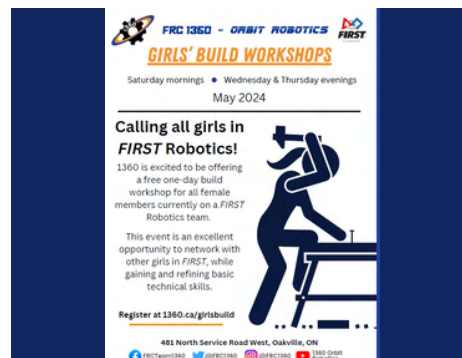
Building 10 DIY air purifiers for migrant farm workers living in poorly ventilated housing



1360 students run summer STEAM camps with the Halton Stem Club for local youth



Partner with Girl Guides to demonstrate a mini-build season every year



Girls-only build event to demonstrate how to operate machines in our workshop



Annual Engineering Career Night & Business Brunch, where experts share insights



Donation of 16 kits to start extracurricular FLL programs at several schools in Uganda



Weekly after-school LEGO Robotics course for 30 youth at Kerr Street Mission



"Trick or Can" Halloween food drive event for Kerr Street Mission

OVERALL IMPACT

Ultimately, our program teaches students more than just robotics. We impart essential life skills to prepare students for the future:

Advanced engineering skills

Craftsmanship; working with industrial-grade tools and equipment, including conventional & CNC machines

Business planning, marketing, fundraising, project management, leadership, and teamwork

Writing (technical, business, and creative)

Graphic design, video production, and photography

Computer programming and Computer Aided Design (CAD)

Industry standard software (Java, Onshape, Adobe, etc.)

HEAR FROM OUR ALUMNI!



MICHAEL G.

Engineer at Alphawave Semi

The exposure to real-world engineering at Team 1360 shaped my technical skills and reinforced my decision to pursue engineering at university.



CELESTE N.

Sales Engineer at Samsara

The skills I acquired from Orbit Robotics led to technical internships at university and later to founding a robotics startup, where creative problem-solving is key.

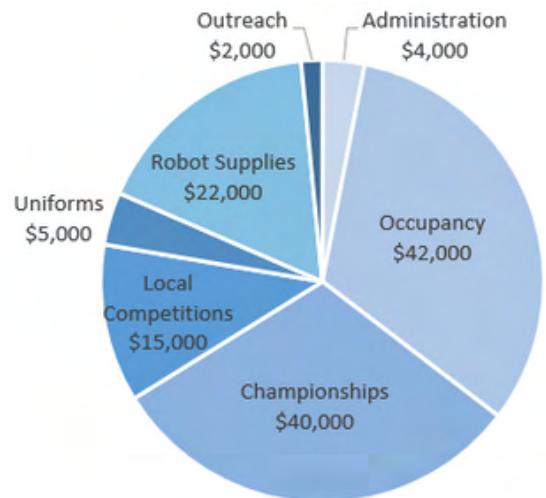
WE NEED YOUR HELP!

As a community team, we serve students from over 50 schools. Our expenses are higher than those of school teams because we need to rent space.

Your support helps us offer a fixed location, acquire essential resources to build the robot, cover registration and travel fees, and fund our outreach initiatives.

Our 2025 Budget is \$130,000

Projected Membership Fees: \$65,000



SPONSORSHIP LEVELS

TIERS	AMOUNT	BENEFITS
SUPERNOVA	\$8,000+	Company name/logo on website & social media + large logo on robot + extra-large logo on back of team t-shirt + logo on shop window + company name announced at competition
STELLAR	Up to \$8,000	Company name/logo on website & social media + medium logo on robot + large logo on back of team t-shirt + logo on shop window
COSMIC	Up to \$4,000	Company name/logo on website & social media + small logo on robot + medium logo on back of team t-shirt
CELESTIAL	Up to \$1,000	Company name/logo on website & social media + small logo on back of team t-shirt

Orbit Robotics is a federally registered charity and can issue tax receipts to sponsors. For further information, contact: info@1360.ca

THANK YOU FOR YOUR SUPPORT