

FRC Team 7688 Creekside Robotics

CREEKSIDE ROBOTICS

SPONSORSHIP PACKAGE



FRC Team 7688 Creekside Robotics

THE TEAM



ABOUT US

Team 7688 Creekside Robotics is a student-run high school robotics team from Byrne Creek Community School in Burnaby, BC - The only high school in Burnaby to offer a STEM program. Established in 2018, and with 5 years of experience under our belts, we have built a community of robotics enthusiasts found nowhere else in Burnaby, and welcome any student of Byrne Creek to be a part of it.

OUR MISSION

Creekside Robotics is a community where any student of Byrne Creek is welcome to explore and apply areas of STEM to overcome challenges and achieve solutions through creativity, collaboration, and teamwork.

We are proud to have a history of producing accomplished students. Our members have been school valedictorian or candidate many times. One of our members was a 2020 Loran Scholar, Canada's largest and most comprehensive four year undergraduate award. Past members have also participated in a rocket design competitions and have represented Canada on the global stage in the international CanSat satellite design competition.

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ABOUT FRC

WHAT WE DO



Every year, we participate in the *FIRST*® Robotics Competition. Founded by Dean Kamen and Woodie Flowers in 1992, *FIRST* has been empowering young people with valuable STEM and critical thinking skills for over 30 years. Students collaborate in teams and independently engage in fundraising, design, building, and programming a complex robot in just 6 weeks to compete in a themed game with teams around the world.

(<https://firstinspires.org>)

EMPOWER TOMORROW'S ENGINEERS

FIRST Robotics Competition Alumni are:

1.9x

More likely to have higher STEM knowledge

1.5x

More likely to have high STEM involvement

1.4x

More likely to have high STEM interest

2x

More likely to major in Engineering

2.4x

More likely to major in CompSci

3x

More likely to enter an Engineering related job

1.4x

More likely to enter a STEM related job

99%

Have increased problem solving skills



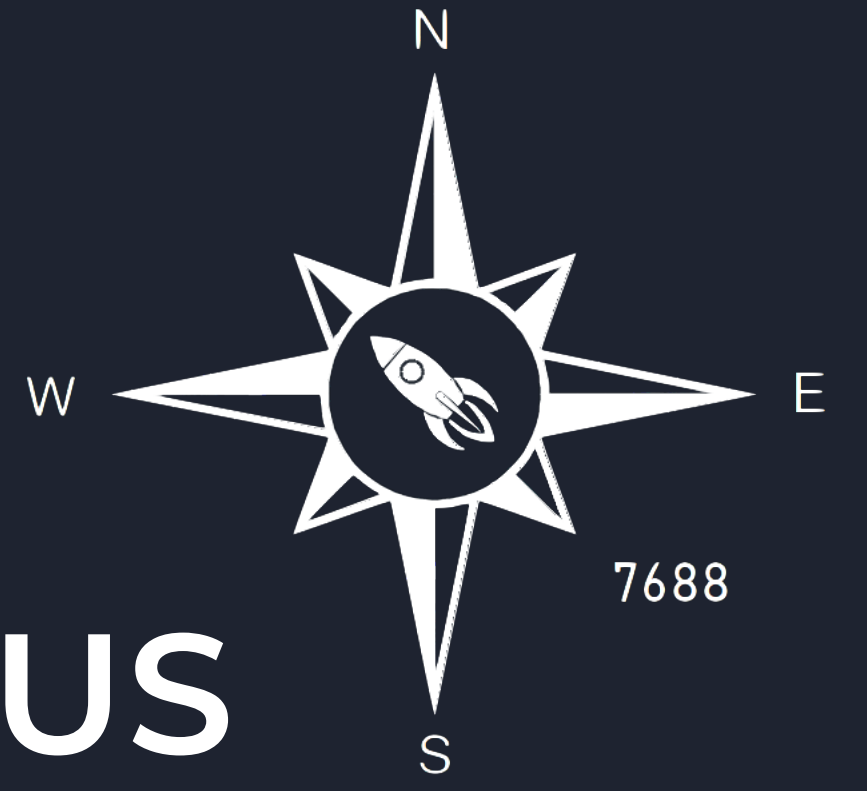
95%

Have increased leadership skills

FRC Team 7688 Creekside Robotics

OUR IMPACT

HOW WE HELP THOSE AROUND US



STEM IN OUR COMMUNITY

We cultivate a passion for STEM in our community by providing students with the opportunity to engage in hands-on learning and tackling real-world challenges.



REAL WORLD SKILLS

Through Creekside Robotics, students acquire skills they can apply to the real world, including problem-solving, communication, leadership, and teamwork.

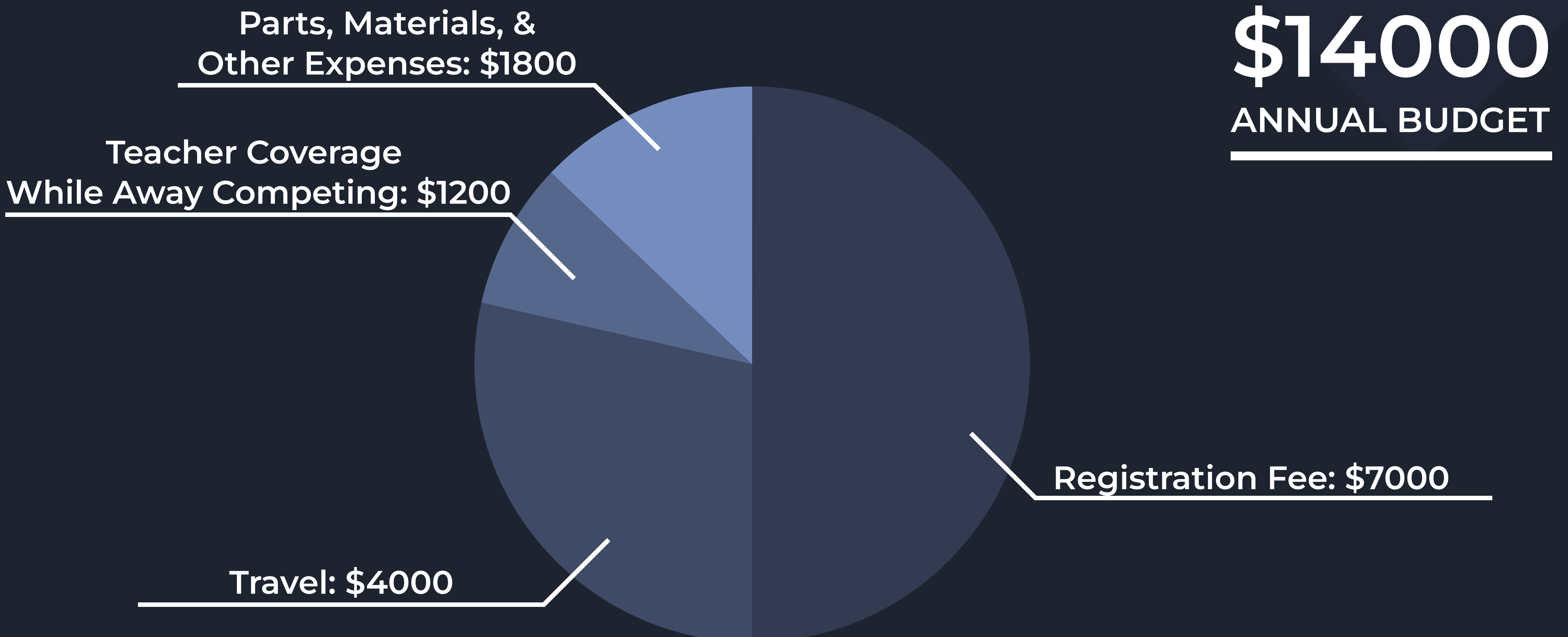
ANNUAL BUDGET

Unfortunately, FIRST is not cheap and we rely on the generous donations of sponsors each year to ensure that every student can participate. We do not require a fee from students to join our club or attend the competition.



STEM CAREERS

Students on Creekside Robotics are prepared for post-secondary education and are equipped with the skills to enter STEM industries.



FRC Team 7688 Creekside Robotics

INVEST IN THE FUTURE

HOW YOU CAN HELP US



Your Support

Your generous contributions make our dreams a reality. By backing us, you play a pivotal role in shaping the future of STEM. As our team grows, the need for additional funding to support our endeavours increases. With your help we can achieve our goals.

Expanding Our Reach

Our member count is constantly growing, and not every student has the opportunity to attend competitions. Your contributions can change that, allowing every student to experience these transformative events, igniting a lifelong passion for STEM.

Easing Our Travel

Our travel situation is less than ideal. Students are exhausted travelling to and from competitions. If we can afford to travel the night before, students could arrive at the competition well rested and with a sharp mind, setting the stage for victory.

(\$1500)

Transporting Our Equipment

We face challenges with transporting our bulky robot and essential materials in cramped cars full of students. Additional funds would allow us to rent a vehicle so we could transport everything needed to ensure success at competitions, without having to dismantle our robot.

(\$500)

Enhancing Our Robot

We are always looking for ways to improve our robot. Our major goal this year is to build multidirectional wheels, allowing our robot to move in any direction and providing a more competitive experience. This will prove a challenge to our teams students, but with your generosity, we can make this a reality.

(\$6000)

Equipping Our Team

Having our own set of tools, and backups of some items, ensure that we can work on our robot efficiently and without the fear of breakage or misplacement.

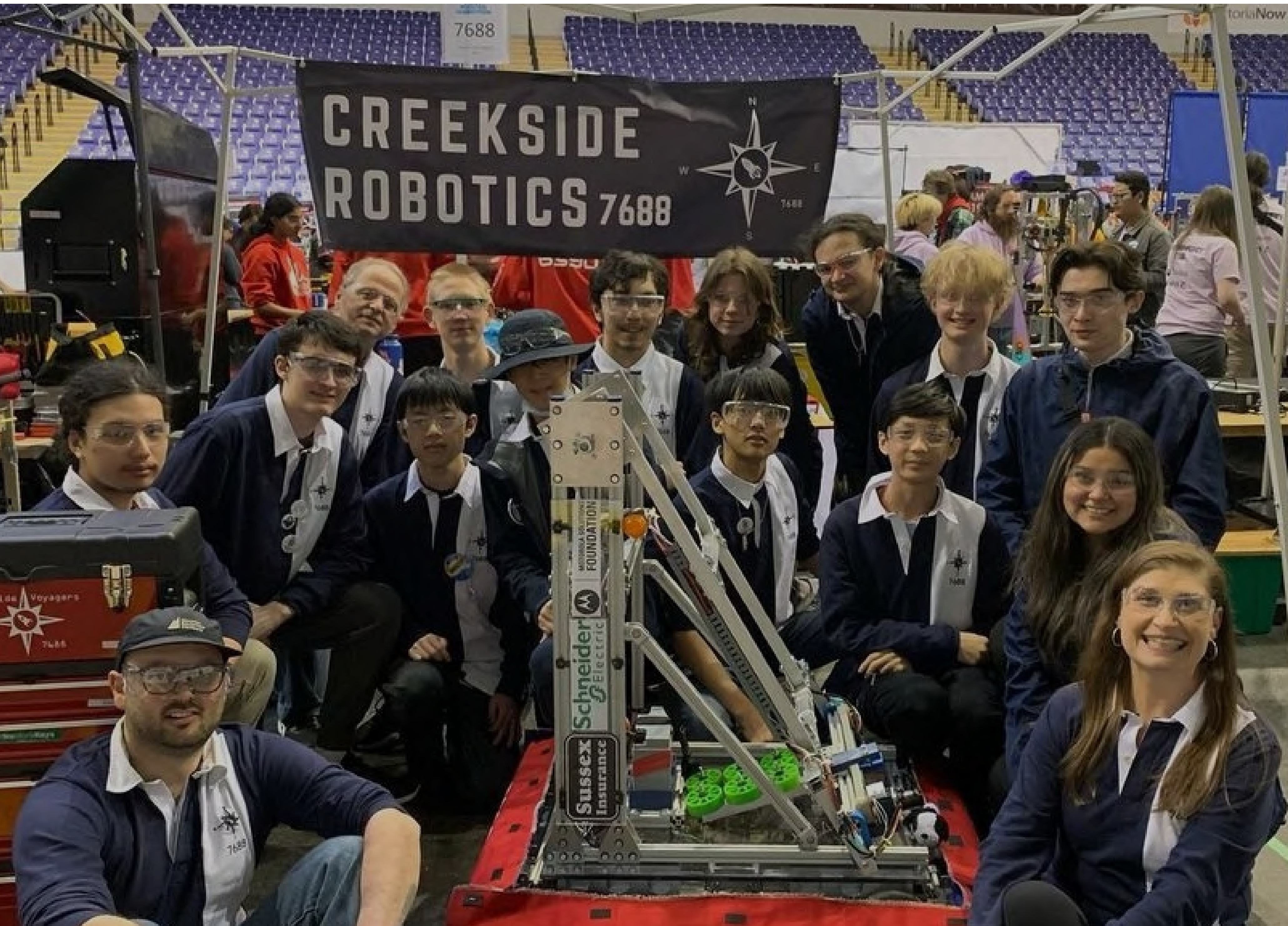
(\$750 or Donation)

Upgrading Our Tech

We need laptops to design and control our robots. The current ones from our school are outdated and struggle to handle the software necessary to build and operate a robot. Purchasing one to two dedicated laptops with the functioning capacity that we need will ensure a smoother competition experience.

(\$2000 or Donation)

Byrne Creek Community School



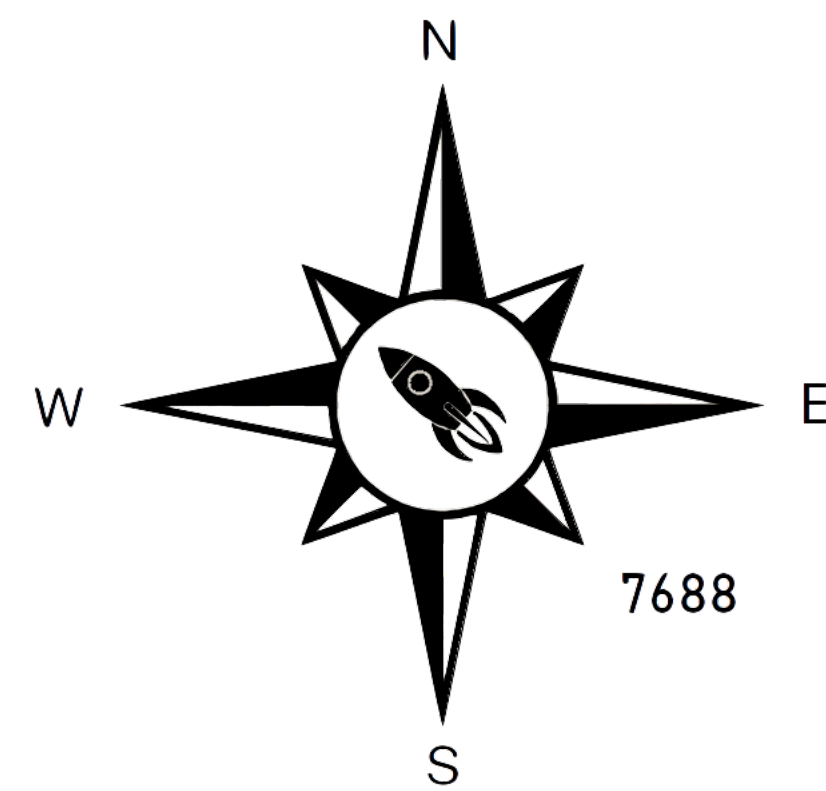
Contact Us

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SPONSORSHIP FORM



Please print out this form.

Name of Organization: _____

Contact Name: _____

Address: _____

Phone: _____

Email: _____

Please make cheques payable to:

**Byrne Creek Community
School - Robotics Club**

Return, with this completed form, to:

**Byrne Creek Community
School - Robotics Club
7777 18th Street,
Burnaby, British Columbia
V3N 5E5**

Donations of \$20 or more are tax deductible. Please let us know what name should be listed on the tax receipt.

We also appreciate and value in-kind donations. Please specify if you are interested in providing **materials, tools, equipment, facility access/tour** or even a **mentor**, and we will follow up with you promptly

If you have any additional questions or need more information, feel free to contact us.

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