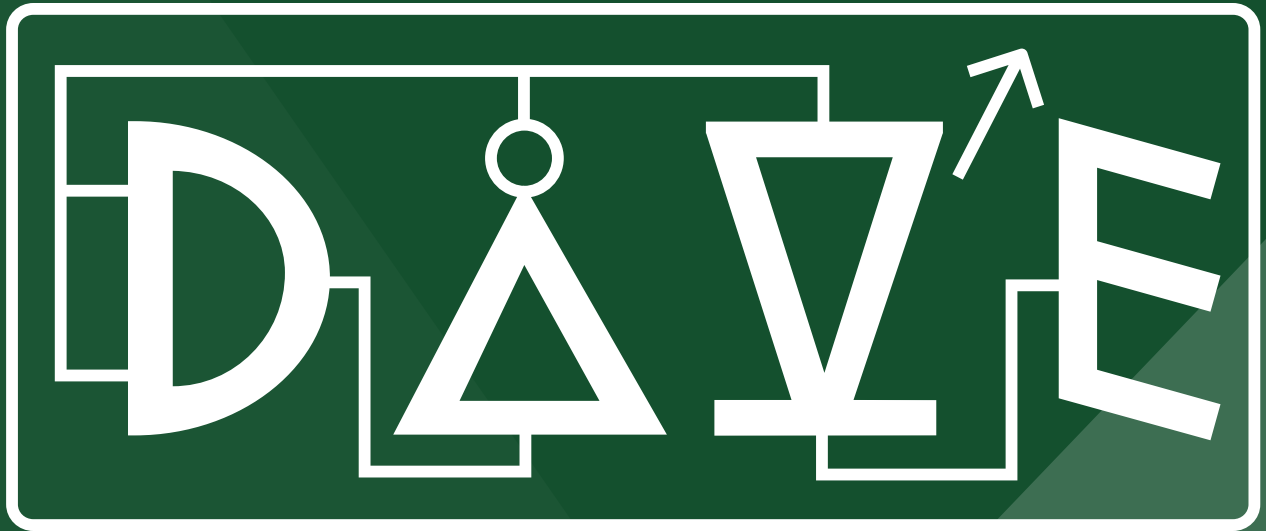


St. David Robotics Team 3683 - Team Dave



Sponsor Package  
2018

# Who Are We?

Team Dave is a high school robotics team based out of St. David Catholic Secondary School (CSS) in Waterloo, ON. Founded in 2011, Team Dave is going into our eighth season of competition. We have had an extremely high degree of success, competing at the World Championships for the past four years. Last year, we finished fifth overall in the world! Team Dave allows us to gain hands-on experience in Science, Technology, Engineering, Arts, and Mathematics (STEAM) fields.



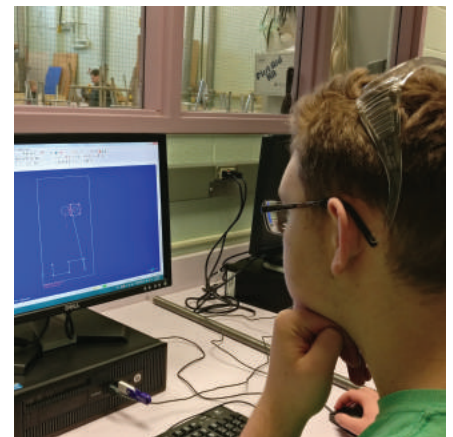
Each January, we are given six weeks to design, build, and program a 120-lb multifunctional robot. Following that, we compete with and against other teams throughout Ontario and the world. In addition to building the robot, we create professional presentation packages, including essays and accompanying videos. We also manage our team as a small business. Corporate sponsorship plays a huge role in this -- your support plants the seeds for the next generation of innovation!

The mentors, teachers, and students invest a substantial amount of time into the FIRST® (For Inspiration and Recognition of Science and Technology) Program. Through this program, students learn valuable skills from alumni and industry professionals. This mentoring relationship is year-round, starting with the design and build season, through competition season, and through development workshops conducted during the summer and fall off-season. We work together, learn together, and compete together as a family.



# Educational Aspect

- ⬡ All team members have the opportunity to participate in a wide variety of skill disciplines, including engineering, programming, design, video editing, technical writing, presenting, and business management.
- ⬡ Students have an opportunity to expand their leadership, teamwork, and creativity skillsets, through the team experience.
- ⬡ Students are encouraged to think freely and offer up ideas or solutions to everyday problems faced by the team.
- ⬡ Students are progressively given more responsibility on the team, including overseeing projects and leading groups as they gain more experience.
- ⬡ Our alumni have gone on to post-secondary education and have secured successful co-op placements at companies such as Kik Interactive, Linamar, and Voltera.
- ⬡ Students are mentored by dedicated University of Waterloo, Wilfrid Laurier University, and Conestoga College students, plus experienced industry professionals from companies like KPMG, Google, and more.
- ⬡ Our mentors help students develop the skills and experience that will help them strive to become leaders in their chosen fields.



Improved problem  
solving skills

98%



Increased time  
management skills

95%



Increased conflict  
resolution skills

93%



Strengthened  
communication skills

OVER 76%

Source: Brandeis University, 2011 FIRST Tech Challenge - FIRST Robotics Competition Evaluation and 2013 FIRST Lego League Evaluation

Team Dave firmly believes in community engagement through a variety of STEAM events and activities that take place in our community and beyond. Our participation and creation of these events solidifies our presence in Waterloo Region. Plus, it creates potential future members, and shows our community how awesome STEAM can be!

## Local Events:

Discovery Square in July:

- Team Dave partners with other local FRC teams to display our robots and inspire children to gain interest in the field of engineering

Annual Lego Robotics Camp:

- Team members act as Counsellors, helping campers work with Lego blocks, WeDo or NXT kits, and perform science experiments and teaching them about our robot

Aviation Day:

- High-interaction event hosted at the Waterloo Regional Airport In partnership with local teams

Featured exhibit at the Communitech Tech Leadership Conference:

- Interacted with industry leaders, including Netflix's Chief Talent Officer

## Partnerships with:

The MUSEUM which includes participation in events:

- STEM at the Museum
- Space Odyssey Camp
- INTERPLAY Exhibition

Local teams which includes:

- Attending outreach events together
- Holding workshops and seminars
- Helping each other out at events

FIRST® Lego League (FLL):

- Mentor local FLL teams
- Host local FLL Qualifier at St. David CSS
- Introduce elementary school students to robotics, design, and programming through the use of Lego NXT and EV3 kits





As a well-connected community organization, Team Dave has been featured on local and regional media outlets. Some of our appearances include:

- ⬡ Interview with Mike Farwell on 570 News
- ⬡ Interview on CBC Radio and 107.5 DAVE FM
- ⬡ Feature article in the Waterloo Chronicle
- ⬡ Feature article in the Waterloo Region Record

Team Dave also has a large social media following, with over 2200 followers combined on Instagram, Facebook, and Twitter.

Sponsoring the team can benefit you and your company in the following ways:

- ⬡ Major exposure to thousands of interested customers
- ⬡ Opportunity to interact with future potential employees and plant seeds for the future
- ⬡ Provide renewed inspiration to company engineers and employees
- ⬡ Provide rich employee volunteer opportunities as advisors on the team
- ⬡ Connect with young future leaders and help further their education
- ⬡ Help build a technologically-literate workforce

*"We do value the association we have with Team Dave and I personally attain a sense of pride when I interview young engineers from around the province who have competed against Team Dave during high school and recall it enviously. More than once after explaining that we fabricate metalwork for Team Dave, I have received a comment to the effect of "no wonder their robots are so professional". I am only happy to accept the credit for our small part."*

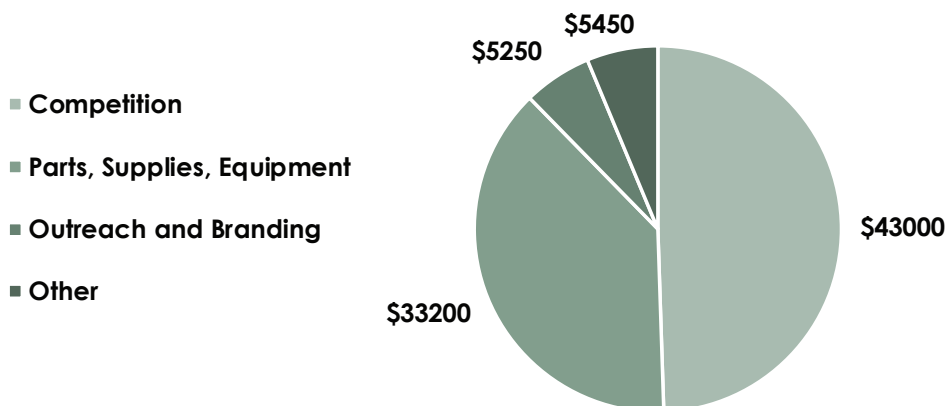
- Sean Spencer, P. Eng  
Vice President, Operations, Melitron

# We Need Your Help!

2018

We have provided a breakdown of our 2018 season budget. This covers everything from parts for the robot to travel costs, and costs for branding and outreach events.

## 2018 Budget Breakdown



## The Cost of a Team

\$7,500	Registration/competition fees for 2 competitions (1 local, 1 distance)
\$14,000	Robot parts and materials (metal, plastic, motors, electronics, etc.)
\$14,450	Equipment (trailer, bench, tools, etc.)
\$5,100	Incidental parts & supplies (practice field, robot cart, meeting expenses, etc.)
\$4,500	District Event travel costs
\$2,500	Team apparel and other gear
\$2,750	Marketing and community outreach
\$1,500	Research and development
\$3,600	Recurring seed funding

## Upon District Championship Qualification (Mississauga, Ontario)

\$3,500	Registration/competition fees
\$6,000	Travel costs

## Upon World Championship Qualification (Detroit, Michigan, USA)

\$6,500	Registration/competition fees
\$15,000	Travel costs

# E-mail or call us!

We invite you to contact us to answer any questions you may have!

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