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# **DVHS ROBOTICS**

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## **Sponsorship Packet**

**Dougherty Valley High School Robotics Club**

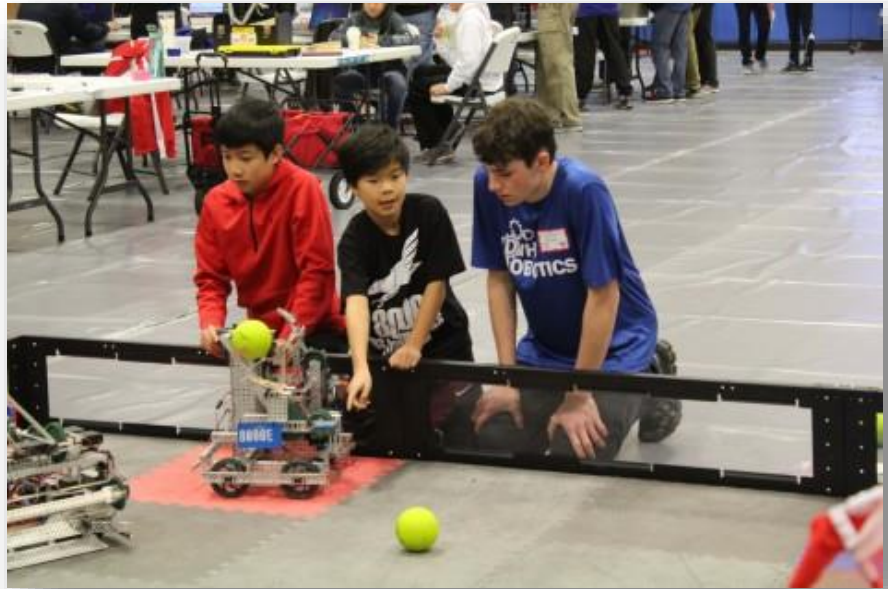
# **5776**

**10550 Albion Road, San Ramon, CA 94582**

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# Our Team

Team 5776 is the official Robotics Club of Dougherty Valley High School in San Ramon, California. After starting in 2009, the team quickly grew into a group of over 100 dedicated and talented members. For the past seven years, we have helped students acquire skills in mechanical engineering and computer science, as well as gain valuable experience in leadership, organizing events, and teamwork. Our team strives to instill students with a thorough understanding a stem and a passion for engineering.



# Our Work

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**TOURNAMENTS:** Team 5776 competes in the internationally recognized and publicly televised in ESPN, VEX Robotics Competitions. Each year, VEX creates a new “challenge” to be played at tournaments, where teams first compete regionally for spots at the subsequent State, National, and World VRC Championships.

LINK: <http://www.vexrobotics.com/>

**BUILDING PROCESS:** Beginning as early as summer each year, our club joins the many teams in the world in designing, building and testing a robot for VEX’s challenge. Week are spent testing various ideas, incorporating CAD (Computer Aided Design) to create the ideal structure. Afterward, we start build and programming out robots, constantly learning an improving from tournament experiences.

**SIDE PROJECTS:** In addition to preparing for tournament, we also take on side projects for out school and for fun! Past examples include a hugely successful T-shirt and Confetti Cannon for school rallies and field days, as well as an enhanced charging station, 3D printer and small wind tunnel.

**COMMUNITY SERVICE:** To promote STEM in younger kids, we often volunteer at local elementary and middle schools, tutoring and helping organize mini middle school tournaments. Our club works with kids on fundamental programming and engineering principles, as well as basic structures and circuit components.

# Our Work (cont.)

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## LAST SEASON'S AWARDS & RECOGNITIONS:

- ❖ 5 VEX Worlds Qualifiers
  - ❖ 3 California State Championship Tournament Champion
  - ❖ 1 California State Championship Design Award
  - ❖ 1 California State Championship Amaze Award
  - ❖ 1 California State Championship Robot Skills Champion
  - ❖ World Record Holder for Top Combined Score in VEX Robotics Competition (10/17/15)
  - ❖ World Record Holder for Top Skills Score in VEX Robotics Competition (10/17/15)
  - ❖ 10 VEX Robotics Tournament Champions
  - ❖ 5 Excellence Awards
  - ❖ 3 Robot Skills Champion
  - ❖ 2 Design Awards
  - ❖ 2 Tournament Finalists
  - ❖ 2 Build Awards
  - ❖ 1 Judges' Award
  - ❖ 1 Think Award
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## FUNDING:

Funding primarily comes from member's donations, biannual carwash fundraisers, and the annual DVHS robotics tournament. However, with the current drought in California rendering carwashes impossible, our team is now seeking support from sponsors.

A Competitive Robot is VEX Robotics Competition can cost up to 2500 dollars in equipment , not including registration and travel fees. Without adequate funding to support enough robots, we have has to limit the number of competing team in our club, which is devastating our mission to provide engineering and competitive experience to all interested students. Although we are doing what we can to continue offering opportunities to as many members as possible, sponsor support would be pivotal in allowing more teams and thus more potential State and Word Qualifiers. Our team possesses the drive and dedication that, with enough resources, is sure to take us far.



# DVHS TOURNAMENT

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Each year in October, Dougherty Valley hosts the first regional VEX robotics tournament. Teams from all over the Bay Area enter to try out new designs and compete for the first spots in the California State Championships. The tournament is open to the public, so we invite middle and even elementary school students to attend and witness firsthand how the robots are built, modified, programmed, and finally utilized on the field. This provides an opportunity for younger children to develop an early interest in STEM and get a head start on engineering basics. Not only is our tournament a fun and edifying experience, but it's also an important source of income and means of advertisement. Currently, the tournament and student donations are the only sources supplying our budget. In addition, we hang a large promotional banner besides the game fields, displaying our sponsors' logos in the most prominent place in our gymnasium.



# SPONSORSHIP PACKAGES

## Why invest?

We strive to expand our presence both on campus and in the robotics community where, even as a relatively new team, we have already sent multiple teams to State and Worlds. We desperately need extra funding to for our team to continue to participate this year.



## What we use the money for:

- ❖ Registering for VEX, entering competitions
- ❖ Purchasing new parts and tools
- ❖ Supporting more robots to allow for more teams and club members
- ❖ Hosting the DVHS robotics tournament

### Gold Sponsor \$2000+

All Silver and Bronze benefits  
Logo on all of Team 5776's robots  
Most prominent positions on all promotional products (banners, T-shirts, robot)

### Silver Sponsor \$500 - \$2000

All Bronze benefits  
Logo on team T-shirt  
Logo on promotional banner at Team 5776's station at all tournaments

### Bronze Sponsor <\$500

Logo on website  
Logo on promotional banner at DVHS tournament  
Announced as sponsor at DVHS tournament

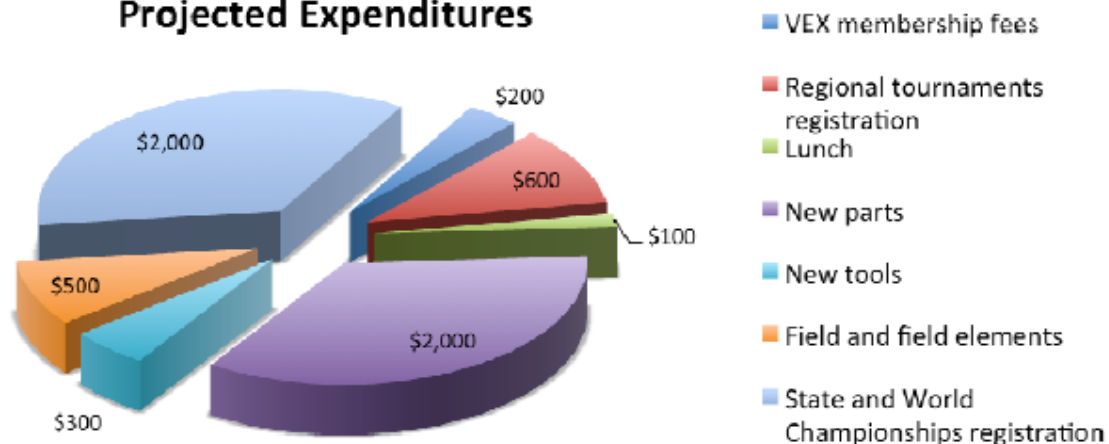
# EXPENDITURES

Although we are still a growing club, we hope to develop into a large presence in not only our school, but also the whole district. Our goal is to reach the point in our growth where we prepare students for college and careers in STEM by helping not only high school kids, but also middle and elementary school students, discover a passion for these areas.

Every cent will be put into expanding the teams and supporting more students

AMOUNT	USE
\$200	VEX membership fees
\$600	Regional tournaments registration fees
\$100	Lunch at tournaments
\$2000	New parts to support more teams
\$300	New tools to support more teams
\$500	New challenge's field and field elements for robot testing
\$500-\$2000	Registering for State and World Championships, depending on performance during regular season
\$4200-\$5700	<b>TOTAL</b>

Projected Expenditures





# CONTACT US

Thank you for considering becoming a sponsor of Team 5776.

We appreciate any support and look forward to a successful year of DVHS Robotics!



## Club Advisor

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