

# *evergreen valley high school robotics*



## **2009-2010 Sponsorship Information**



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## Executive Summary

The Evergreen Valley High School Robotics Team –The Prototypes – is a student-run organization that provides its members the practical experience in engineering and robotics with resources that would otherwise not be obtainable. We build competitive robots as part of *FIRST* (For Inspiration and Recognition of Science and Technology) and Botball while exploring science, technology, engineering, and mathematics.

Since our founding in 2007, we have been nationally recognized multiple times for our design, research, outreach, and competitive success. Many of our accomplishments in 2009 include ranking 1st place in the National Botball Research and Design Challenge, finishing as a finalist in the Global Conference on Educational Robotics, and winning the Rookie Inspiration Award at the *FIRST* Sacramento Regional. Just recently, we were Champions at the 2009 CalGames Competition, placing 1<sup>st</sup> out of 36 bay area high school teams.

In addition to building robots, the team is also committed to giving back. Through organized demonstrations and interactive activities, we spark the creativity and innovation of young minds of our community. We are active in promoting the awareness of science, technology, engineering, and mathematics.

The team depends on the support of sponsors and community members. Contributions are tax-deductible and sponsors are publicly acknowledged on our:

- Team name
- T-shirts
- Promotional Items
- Robots
- Banner
- Website



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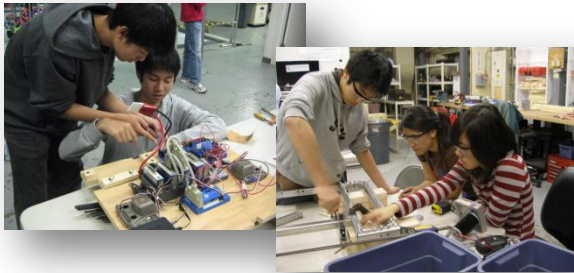


## Student Impact

Members of The Prototypes gain valuable experiences and skills needed to survive in the real world such as entrepreneurship, teamwork, critical thinking, and leadership. In fact, a study conducted by Brandeis University revealed that participants of *FIRST* are:

- Nearly 4 times as likely to expect to pursue a career specifically in engineering
- Roughly 10 times as likely to have had an internship in their freshman year.
- More than twice as likely to volunteer in their communities.

**Mechanical Engineering** We design robots in professional CAD software such as Autodesk Inventor and SolidWorks and assemble them with milling machines, lathes, and drills.



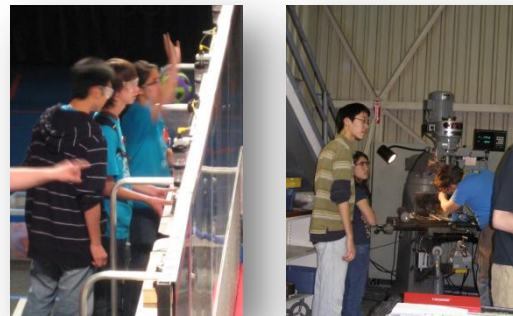
**Electrical Engineering** Members design the layout of the robot control system and wire it together.

**Computer Science** We program our robots to be both tele-operated and autonomous. Students learn how to write code in C and LabView.

**Creativity and Innovation** Our robots are 100% student designed and built. Students work together to develop unique strategies for our competitions and challenges.

### Cooperation, Leadership, Entrepreneurship

The team is operated like a business start-up. Students work as a team to meet deadlines. They also form alliances with other robotics teams and learn to value sportsmanship and gracious professionalism.



**Exciting Opportunities** Robotics students have access to exclusive scholarships and internships. Students even have the opportunity to work in the NASA Ames Robotics Lab. Moreover, we travel to many places each year for competitions and conferences where we meet professional engineers, business leaders, and like-minded peers.



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## Why You Should Help Us

### A Rare Experience

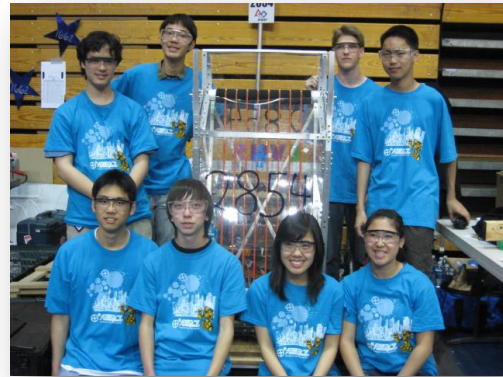
Students of the Evergreen Valley High School Robotics Team go through a unique experience, and you can be part of it. This year, we plan to extend our outreach to middle schools and travel to robotics conferences to share our experiences. With your help, we will be able to learn valuable skills and gain hands-on experience with science and technology.

Your support will help foster the next generation of:

- Engineers
- Scientists
- Artists
- Entrepreneurs

### A Rare Team

Let's face it; there are many other robotics teams in the Silicon Valley. What makes the EVHS Robotics Team unique? We are a student-run organization and 100% of the robot is designed and built by students. Members are able to learn from mistakes while gaining firsthand experience in engineering.



Furthermore, we represent an underserved district. Statistics from 2007 show that 25% of the ESUHSD are "English-learners" and that more than 15% of Evergreen Valley High School students receive free or reduced lunch meals. In alignment with our mission, our team offers opportunities to the disadvantaged.

Finally, we participate in not just one robotics program, but two: Botball and *FIRST*. Each program focuses on a different area of science and technology, and we're able to maximize our opportunities and gain the best experience out of both.

### A Rare Opportunity

Choosing to sponsor a team is a difficult decision. We offer perks to sweeten the deal.

Bronze	\$50+	Your will see your name/logo on our website.
Silver	\$500+	As above, you will see your name/logo on our banner/promotional items.
Gold	\$1000+	As above, you will see your name/logo on our team t-shirts.
Platinum	\$2500+	As above, you will see your name/logo on our robots.
Diamond	\$5000+	As above, you will see your name as a part of our team name. You will be announced whenever our team is.
In-Kind	We appreciate in-kind donations or discounts of everything from stock aluminum to pizza. Your donation will be recognized at the going price.	

Your contributions are also tax-deductible.



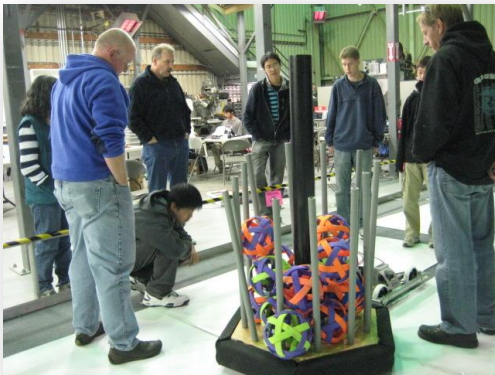
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## How You Can Help

Anyone can support us! Whether you're a corporation, a local business, or a good samaritan, you can help. We're looking for support in many different forms.

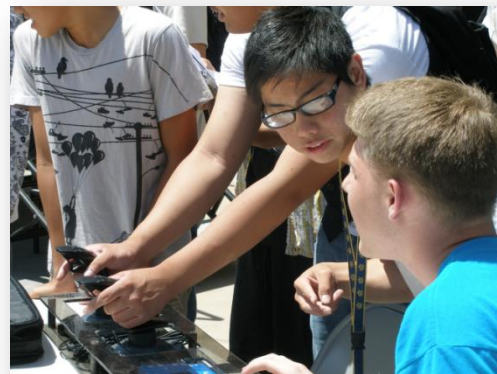
**Monetary Donations** Our cash needs are the results of expensive competition registration fees and materials. Your cash donation will allow us to compete in many tournaments and fulfill our mission.



**In-Kind Donations** In addition to our cash needs, we appreciate in-kind donations, including a wide range of items such as pizza, water, snacks, stock aluminum, and Lexan. We also accept any service offerings such as printing and engraving.

**Discount Offerings** We understand if the other options for support are not available. If you can provide us with discounts on anything from food to stock aluminum, we would be thankful.

**Mentoring** Whether or not you are an engineer, you can help. We're seeking professional engineering advice support as well as volunteers who want to help the team fundraise or plan demos.



**Facility Offerings** Our school does not give us tools or a workplace. If you have a workplace you can offer, we would appreciate it. Moreover, we would be thankful if a machine shop is available for us to use.

**Opportunities** We are available for corporate functions such as "bring your kids to work" day or "tech-talk" day. In addition, if you have any scholarship or internship opportunities for students, please let us know!

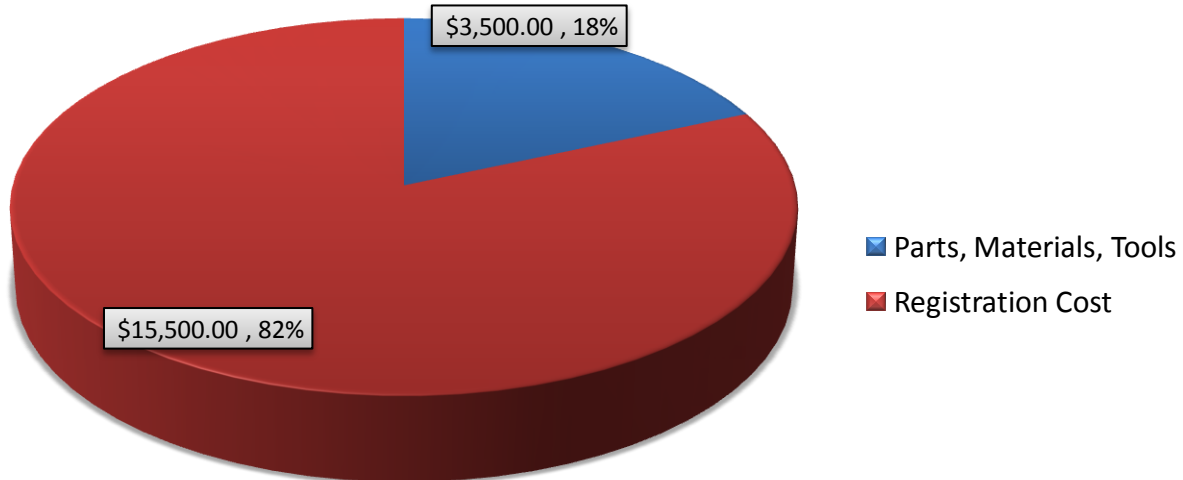
**Still considering?** If you would like more information or talk to the students or advisors, please contact us. We would gladly set up a time to visit you and show you what we do.



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## Our Expenses



Registration Cost	Botball	\$5,000	Pays for two teams to compete.
	FIRST: Silicon Valley	\$5,000	Our local regional. Cost includes the kit of parts.
	FIRST: Atlanta Championship	\$5,000	With over 300 teams, the Atlanta Championship is one of the biggest robotics events in the world.
	CalGames	\$500	An off-season event for NorCal teams.
Parts, Materials, Tools	Motors, stock aluminum, wires, rivets, necessary tools, etc.	\$3,500	While the kit includes many needed controllers and motors, we still have to purchase other materials.
Total		\$19,000	

Travel expenses not included

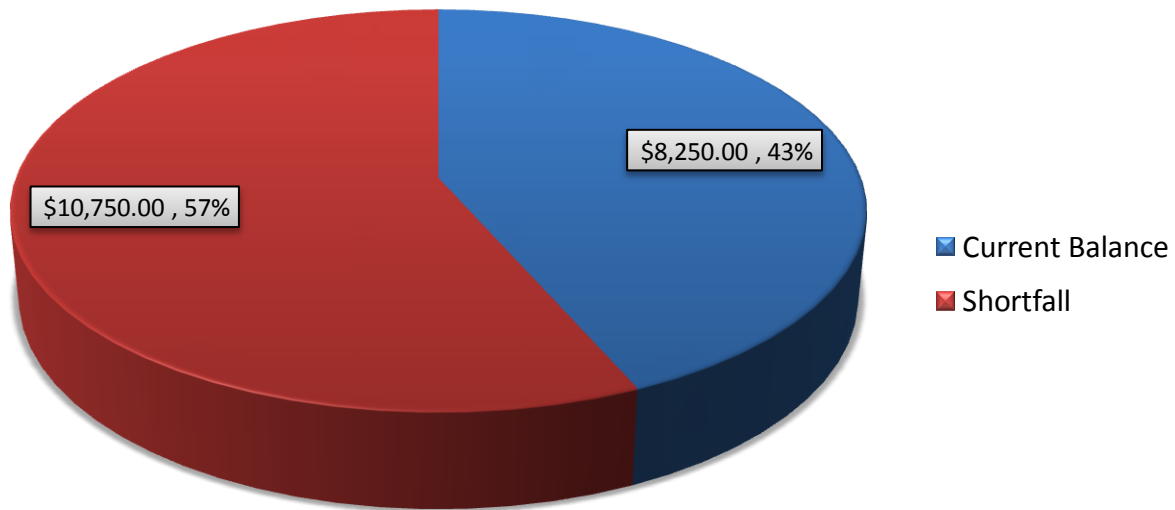


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## Financial Status

As of October 2009, we have a financial shortfall of **\$10,750**. Our financial commitment deadlines are in December 2009.



### Breakdown

<b>Current Balance</b>	Rollover Funds	\$2,250
	Parent Donations	\$1,000
	Corporate Sponsorship	\$5,000
	<i>Subtotal</i>	\$8,250
<b>Total Expected Expenses</b>		\$19,000
<b>Shortfall</b>		<b>\$10,750</b>



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## Contact Us

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### Team Website

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