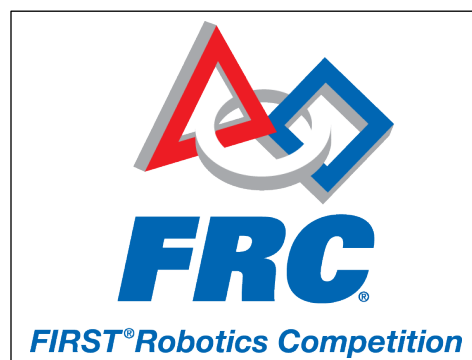


CARRILLO CYBERNETICS



FRC Team 5728

Maria Carrillo High School Robotics Team



Dear Prospective Sponsor,

I am writing to you to ask if your organization will consider partnering with our Sonoma County FIRST® robotics team. Our award-winning high school robotics team is a part of the worldwide organization called FIRST® (*For Inspiration and Recognition of Science and Technology*).

The FIRST® mission is to inspire young people to be science and technology leaders, by engaging them in exciting mentor-based programs that build science, technology, engineering, and math skills. This mission is accomplished by students partnering with adult mentors to build a robot, which will compete in the most intensive robotics competition in the world. The goal is to give students hands-on experience working with real engineers, so that engineers and scientists are seen as role models in the same way professional athletes are.

In 1992, The FIRST® Robotics Competition (FRC) began in a high-school gym. There are now over 3000 teams competing in over 56 Regional Events around the world with the goal of qualifying for the FRC World Championship.

What we represent

Our robotics team has been established at Maria Carrillo High School since 2015 and is represented by both boys and girls in 9th to 12th grade. We are supported by two parent coaches, mentors from local community and parent volunteers.

As we compete in local, regional and national events, we would be honored to represent select area and statewide businesses as our strategic partners.

Please consider partnering with Carrillo Cybernetics by either:

- Becoming a sponsor – sponsor form is enclosed for tax-deductible support
- Becoming a mentor – email us at teamplanetarydrive@gmail.com for additional information
- Donating gifts in kind – Incl. robot parts, machining services, food for team meetings, travel needs, etc.

Sincerely,

Carrillo Cybernetics Team

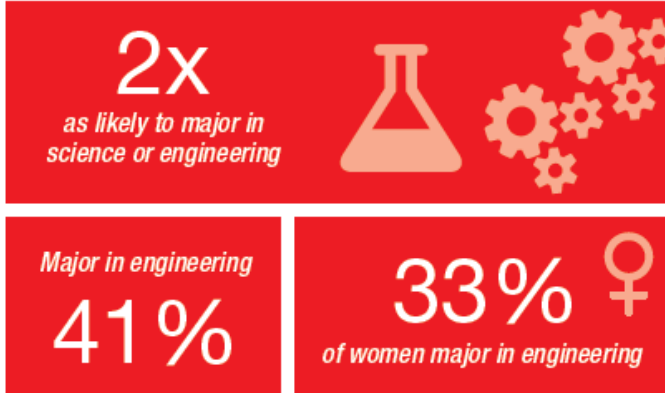
Team Mission Statement:

The foremost goal of Team 5728 is to offer students positions of leadership and responsibility, and to create an environment that encourages creative problem solving while promoting the unique atmosphere of competition and cooperation throughout our global and local community. The team will also furnish an opportunity to advance members' engineering and scientific skills, while allowing them to develop a fundamental understanding of leadership, cooperative spirit and gracious professionalism that defines any successful act.

FIRST® IMPACT

10 years of evaluation data indicates that with participation in **FIRST®**, team members are:

STEM MAJOR CITED BY FIRST PARTICIPANTS



Source: Brandeis University, 2006 Evaluation of FIRST® Robotics Competition (FRC®) Alumni

21ST CENTURY WORK-LIFE SKILLS GAINED BY FIRST PARTICIPANTS



Source: Brandeis University, 2011 FIRST® Tech Challenge – FIRST® Robotics Competition Evaluation and 2013 FIRST® LEGO® League Evaluation

Team Impact:

- Alumni in STEM fields encouraging a high skilled and talented workforce for the region
- Promote STEM education at Sonoma County elementary schools
- Provides STEM mentorship to local schools
- Participation in High-school events

PROGRAM BENEFITS

For Students

- Apply engineering principles to the design, build, and operation of robots for competitions
- Learn and use CAD and other engineering software
- Develops hands-on collaborative problem solving
- Program robots for both autonomous and human operated modes
- Develop leadership skills with gracious professionalism

- Advance knowledge and teamwork by associating with other FIRST teams at Regional and National competitions
- Community outreach and service
- Exposure to STEM career opportunities
- Network with industry and engineering firms and companies
- “The hardest fun they’ll ever have”

For Schools

- Math, Science, Language Arts, Business, Finance, Computer Science and Engineering
- Promote STEM education
- Recognition
- More independent and engaged students

For Sponsors

- Recognition and visibility in the community
- Media exposure through the team website, Carrillo Cybernetics parents & students, local TV, community events
- Creates pipeline for interns and high skilled workers to advance local economy
- Links private sector capital to investment in schools, making Sonoma County region more competitive marketplace

There are many costs associated with running a FIRST Team that occur on an annual basis. Below is a list of specific items the team is fundraising money for, in addition to the general costs associated with running the team:

Team Expense	Cost
FIRST Registration Fee (1 st Regional Competition and FRC Kit) and travel	\$ 13,000
FIRST Regional Event #2 and travel	\$18,000
Off-season events	\$ 1,000
Parts and Supplies	\$ 5,500
Tools	\$ 1,500
Marketing (banners, t-shirts, brochures, buttons)	\$ 1,500
Miscellaneous	\$ 4,000
TOTAL	\$44,500

Beyond materials cost, the team is also in need to mentors that could help in the following areas:

Primary Mentor Roles	Role Description
CAD	Work with students focusing on the use of CAD from idea capture through assembly integration
Electrical	Work with students focusing on various aspects of electrical components from motor selection through wiring implementation and component placement.
Programming	Work with students focusing on target system and GUI software to support testing and operation of robots and robot features
Engineering Design	Work with the team to pick a strategy, design a robot, and manage robot creation, lead/advise on the design of a robot feature
Mechanical	Help students build a robot for the competition in March
Website	Teach students how to build and manage a website
Graphic Design	Create banners, logos, team handouts, and t-shirts for competition
Finance	Help students manage team funds and assist with fundraising
Prototyping	Assist with the design of the robot and teach the students how to create a basic prototype
Social Media	Work with students to manage social media sites

TEAM CARRILLO CYBERNETICS THANKS YOU FOR YOUR SUPPORT!!

All interested mentors please contact Assistant Coach, Maya DeRosa at derosaconsulting@gmail.com

Whatever time you can give we appreciate. We could not have a successful year without the help of our adult mentors!

How You Can Help!

Please consider investing in our student's future in science, technology, engineering, and math (STEM) and by sponsoring our FRC Team 5728 – Carrillo Cybernetics. Your support will provide opportunity for student inspiration, education, and innovation.

The sponsorship levels are outlined below:

Sponsorship Levels				
	Platinum Sponsor	Gold Sponsor	Silver Sponsor	Bronze Sponsor
Giving Level	\$5,000+	\$2,500 - \$4,999	\$500 - \$2,499	\$1 - \$499
Company name announced at each competition	✓			
Logo displayed on robot	✓			
Company displayed on pit display at competitions	Logo	Logo		
The team will, at your invitation, demonstrate the robot*	✓	✓		
Company displayed on team shirts	Large Logo	Medium Logo	Small Logo	
Company/Individual displayed on prominently team home page	✓	Medium logo		
Company/Individual displayed on team sponsor page	✓	✓	✓	✓
*within feasible driving distance	✓	✓	✓	✓



Carrillo Cybernetics Sponsorship Form

Help Team 5728 reach its fundraising goal for the robotic build season!

Your contributions are **TAX DEDUCTIBLE**

Checks should be made payable to "Maria Carrillo High School/ Carrillo Cybernetics Robotics Team".

Company name: _____

Address: _____

City/State/Zip: _____

Contact Person: _____

Contact Phone: _____

Email: _____

Type of Donation: Check Cash Gift Card Tools/Supplies Other

Amount of Donation: _____

Material Donation Type: _____ Value: _____

Your generosity is truly appreciated and will be put to great use!

Please mail your contributions to:

Paula Cox

c/o Maria Carrillo High School

6975 Montecito Boulevard

Santa Rosa, CA 95409

In memo line please note : FRC 5728 Carrillo Cybernetics Robotics Team

Email contacts: Maya DeRosa, Sponsorships Adult Mentor derosaconsulting@gmail.com