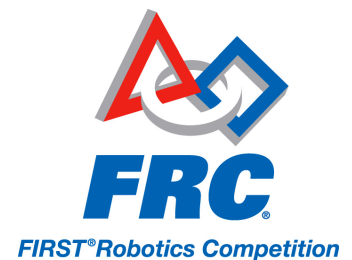


Sponsor Packet




Lancaster High School Eagle Robotics



Executive Summary

Lancaster High School's Eagle Robotics team, FRC 399, provides students with an extracurricular program, in which students gather to build a robot to perform tasks revealed by the organization known as *FIRST*. These tasks form a game in which students have the chance to apply concepts taught in the classroom and work along side professionals. The goals of *FIRST* align directly with our own as we spread science and technology to a national and international audience. This robotics program is an opportunity like no other.

399 Eagle Robotics provides many options for students to enhance their knowledge in the fields of electronics, manufacturing, mechanics, marketing, and teamwork. Studies have shown that participants in *FIRST* Robotics Competitions are:

-  Three times more likely to major in engineering
-  More than twice as likely to pursue a career in science or technology
-  More than twice as likely to volunteer in their communities¹

Eagle Robotics depends on funding provided by sponsors that recognize the need for a workforce trained in the fields of science, engineering, and business. The team requires approximately \$80,000 to cover yearly budget costs such as travel, registration fees and building materials. Your sponsorship will allow us to participate in the *FIRST* Robotics Competition at a competitive level by investing in the latest technology that shows students the extent of technological innovation.

Organizations that choose to support Eagle Robotics through tax-deductible donations are publicly acknowledged in the media, our material and on the robot itself. By lending support and funding, your sponsorship will guarantee that students will leave high school with the skills necessary to succeed as well as lead in today's society.

1. Study done by *FIRST* and Brandeis University

Our Mission



Team 399 Eagle Robotics is an elite club ran by the students for the students. This team helps spread the passion of Science, Technology, Engineering, and Math (STEM) throughout our community and the world. Eagle Robotics competes to represent Lancaster High School and themselves.




During the experience of the robotics team, we learn specific skills that will help us in the professional world of business. Along with that, we would like to spread *FIRST* and Gracious Professionalism throughout the Antelope Valley.



About our School

Lancaster High School is a public, co-educational high school in Lancaster, CA. It was established in 1995 and now educates over 2,500 students. Lancaster High has some of the best extra-curricular programs in the Antelope Valley. Along with Eagle Robotics, this high school also offers ROTC, numerous amounts of sports, and well-known clubs such as National Honor Society and California Scholarship Federation.



-  72% of students are minorities
-  52% receive reduced lunch
-  Average teacher experience: 13¹

Lancaster High School became an accredited Project Lead the Way Site and James Irvine Foundation CTE Model School in 2003 largely due to the efforts of Eagle Robotics. Our Engineering Pathway allows students to enroll in up to 4 years of different engineering courses and after entering the program many students discover a passion for robotics. We endeavor to ignite this interest in STEM in younger students by hosting the Gateway Academy Workshop. This 5-day workshop exposes middle school students to various engineering opportunities and establishes an early interest in aerospace and robotics among students.



1. Statistics gathered by
greatschools.org

Why Give?



Our commitment continues with middle school students at Super Science Saturday where we permit students to operate our FRC robots while giving them the opportunity to recreate portions of the actual game. Wanting to include special needs students in our robotics program, our team conducted an on-site Special Education Workshop at Piute Middle School. We composed a developmentally appropriate activity for the students to explore robotics.

Eagle Robotics Team 399 is an organization made up of passionate students and mentors that are dedicated to the future of robotics. In order to excite young minds, Team 399 hosts a monthly Robot Read-Aloud at Barnes & Noble where we read a robot-related story to young children and demonstrate an FTC (*FIRST* Tech Challenge) robot. During the event, youngsters enjoy a hands-on experience with the robot.

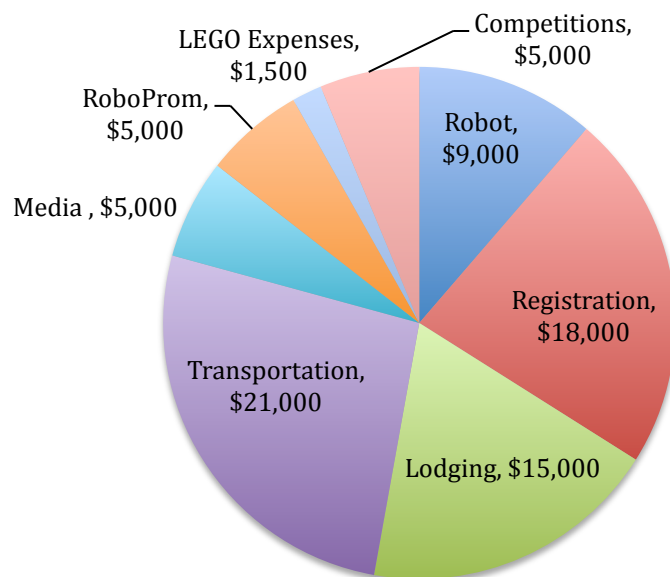


One of our newer initiatives comprised of junior high students is the Eaglet Program. This program provides 8th grade students the opportunity to participate in *FIRST* at the high school level. The students work with our team during our six-week build season, gaining a first-hand understanding of the depth and breadth of the FRC program.



2011-2012 Budget

Expenses	
Robot	\$9,000
Registration	\$18,000
Lodging	\$15,000
Transportation	\$21,000
Media	\$5,000
RoboProm	\$5,000
LEGO Expenses	\$1,500
Competitions	\$5,000
	\$79,500 Total



FIRST



FIRST (For Inspiration and Recognition of Science and Technology) is a non-profit organization founded by inventor Dean Kamen to inspire a passion for science and technology in young people. Kamen, the inventor of the first portable insulin pump, Segway, and owner of over 440 national and international patents began *FIRST* "to transform our culture by creating a world where science and technology are celebrated and where young people dream of becoming science and technology leaders."¹

Each year, *FIRST* hosts robotics competitions that encourage students, as young as five, to use science, engineering, and technology to build and program robots that can engage in competition against other robots from around the world. These students along with the help of mentors, gain mastery in science, mathematics, technology, engineering, and even business-related skills.



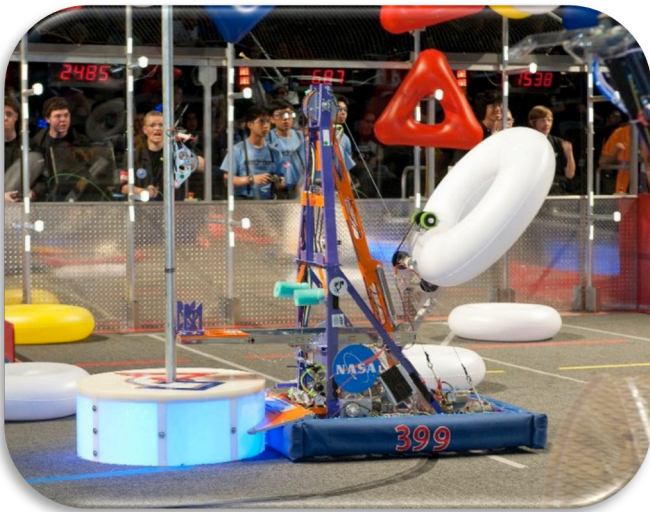
1. Quoted from Dean Kamen at usfirst.org

FIRST Robotics Competition

The *FIRST* Robotics Competition (FRC) is known as “the varsity sport of the mind”. It is the most intense of the *FIRST* programs, requiring students to build and program robots under strict rules, limited resources, and specific time limits. These robots are required to perform certain tasks while competing against other robots from different teams.



FIRST® Robotics Competition



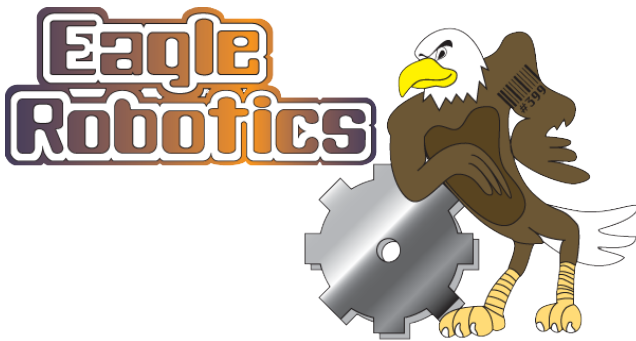
Besides the challenge of building a fully functional robot in just six weeks, students are also challenged to develop a well-rounded team that can raise the funds necessary to participate. Students do not work alone, however. FRC is a competitive sport but it is also an opportunity for students to learn “real world” engineering skills and prepare themselves to be leaders.

Our Story

Team 399 originated in 1999 with 15 students, 3 mentors, and 1 advisor. Dr. Marianne McCarthy from NASA Dryden approached Lancaster High in hopes of creating the first Robotics team in the Antelope Valley. Now 13 years later, our team consists of 50 students, 14 mentors, and 2 advisors.



Team 399 has built a legacy that will continue to span generations. The advisors and mentors of Eagle Robotics are eager to pass on their knowledge to the team, allowing them to continually increase their skills and confidence. The hands-on experience with science and technology, as well as with business and media, fulfill students' interests in a way not found in a conventional classroom setting.



For 13 years Eagle Robotics members have found a home with FIRST, whose ideals have shown us that we have the brains, heart, and courage to inspire our community, foster an interest in STEM in our youth, and be role models for other FIRST teams.

Sponsorship Program

The support of the business community to the youth of this program is the backbone of the Eagle Program. All donations of funds, merchandise and time will make it possible for the team to succeed. We encourage you to join the team and support us by becoming a sponsor.

Please review our sponsorship benefits program.

Eaglet Sponsor

\$100 to \$499

- Business Name will be listed on webpage
- Invitation/acknowledgement at Robot Roll-out (February)
- Invitation to Awards Banquet Night (May)
- Certificate of Appreciation

Eagle Sponsor

\$500 to \$999

- Business Name will be listed on webpage
- Invitation/acknowledgement at Robot Roll-out (February)
- Invitation to Awards Banquet Night (May)
- Certificate of Appreciation and 5x7 Team Photo

Bald Eagle Sponsor

\$1000 to \$2999

- Business Name will be listed on webpage with link to your site
- Invitation/acknowledgement at Robot Roll-out (February)
- Invitation to Awards Banquet Night (May)
- Certificate of Appreciation and 8x10 Team Photo
- Company Logo on Team uniform

Golden Eagle Sponsor

\$3000 and up

- Business Name will be listed on webpage with link to your site
- Invitation/acknowledgement at Robot Roll-out (February)
- Invitation to Awards Banquet Night (May)
- Certificate of Appreciation and Team Photo 8x10 signed by Students
- Company Logo on Team uniform
- Sticker/name of your company on the 2012 robot and crate

Eagle Robotics

Sponsorship Form

Name of
Organization:

Name of Contact:

Address:

Phone:

Email:

YES! I would like to sponsor the Eagle Robotics Program.

Donation Amount: _____

I would like to designate the money to a specific student:

Donations to a specific student are not tax deductible.

I would like to receive a Tax Exempt Verification Letter.

NO I do not wish to sponsor at this time.

Request for more information

Please return your contribution form with a check made payable to Lancaster Eagle Robotics to the following address:

**Lancaster Eagle Robotics
44701 32nd Street West
Lancaster, CA 93536
Attn: Carol Lowe**

Thank you

Thank you for taking the time to review our application. We are proud of all the hard work and effort members put into the team and with the help of our sponsors, advisors, mentors, and community we can continue to grow together as a team and as responsible individuals.



399



For more information contact:
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