



## RANCOCAS VALLEY ROBOTICS

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RANCOCAS VALLEY REGIONAL HIGH SCHOOL  
520 JACKSONVILLE ROAD  
MT.HOLLY, NJ 08060  
WWW.RVR87.COM

Dear Potential Sponsor:

Rancocas Valley Robotics (RVR) Team 87 invites you and your company to become a part of our effort to change the way society views science and technology careers. RVR is a nonprofit robotics team, consisting of students and teachers from Rancocas Valley Regional High School in Mount Holly, New Jersey.

The 2016-2017 school year marks the twenty-first season that RVR will be competing in the FIRST® Robotics Competition. FIRST® (For Inspiration and Recognition of Science and Technology) is a non-profit organization founded by Dean Kamen, famed inventor of the Segway Personal Transporter, and Woody Flowers, Pappalardo Professor Emeritus of Mechanical Engineering at MIT. The goal of FIRST® is "to transform our culture by creating a world where science and technology are celebrated and where young people dream of becoming science and technology heroes." If you are interested in more information about FIRST®, you can visit their web site at <http://www.usfirst.org>.

This revolutionary program prepares our students for the real world by immersing them in a downscaled version of a corporate prototype and design project. The team has six weeks to design and build a functioning robot. Robotics provides a unique venue for students to apply and enhance classroom skills in math, science, and technology, as well as business, graphics, and even English. In addition the students learn self-confidence, time management, problem solving, programming, and engineering skills that they cannot learn in the classroom. They will put these skills to the test as they compete our robot at the Houston, Texas and 2 other local competitions.

To some, the measure of our success will be trophies and awards of which RVR has earned a number over the years. The real success of the team, however, is illustrated through RVR's instrumental position in forming three other robotics teams in two local school districts and a new Vex Robotics team that starts up this year at RV. It can be seen in the men and women, who have gone through the program and have gone on to colleges such as Drexel, Princeton, Purdue University, and Carnegie Mellon University.

The cost of building and competing a robot in the FIRST® Robotics Competition is striking. Entering the competition in just registration fees for one regional event and 2 local competitions will cost \$10,000. Other operating costs will run the team roughly an additional \$8,000, and an additional \$12,000 in traveling expenses for our overnight competition. The total operating costs for the team this year will probably exceed \$30,000. Existing sponsorship and planned fundraisers account for about \$14,000.

We invite you to become a part of this experience through your sponsorship of our team. The attached sheet shows some of the ways your generous donation will be recognized by our team. Your donation helps assure the success of this program as we work to inspire and encourage our young adults to invest their energies in math, science, technology, and engineering. If you would like to meet our team, see our robot, or have any questions answered, please feel free to contact our Team Lead at (609) 267-0830 X 4404 or [hhans@rvrhs.com](mailto:hhans@rvrhs.com).

Sincerely,

Rancocas Valley Robotics

Mr. Harvey Hans – Team Lead and Advisor  
Paige Braude – President In Charge of Robot Operations  
Brian DelRocini – President In Charge of Business Operations