



RATCHET ROCKER ROBOTICS

Sponsorship Information





OUR TEAM

Who We Are

The Ratchet Rocker Robotics Team 1706 is a participant in *FIRST* (For Inspiration and Recognition of Science and Technology) based out of Wentzville Missouri. We began competing in the summer of 2005 with three students and one mentor.

Members and volunteers of Ratchet Rocker Robotics, mentor students in building world-class robots and community outreach programs to compete at FRC events. Our program encourages innovation and fosters life skills including self-confidence, communication, and leadership. This work will grow and develop the students' passion for community outreach, science, technology, engineering, and mathematics inspiring them to explore a future STEM career.





FIRST ROBOTICS

FIRST – The Ultimate Sport for the Mind

The FIRST Robotics Competition combines the excitement of sports with the rigors of science and technology. Over a six-week period, students design, manufacture, assemble, program, and test a robot to perform prescribed tasks against a diverse group of competitors. It is as close to “real world” engineering as a high school student can get. Teams compete in regional competitions and at the World Championships.

FIRST Robotics Students Are

- ◆ More than twice as likely to volunteer in their communities
- ◆ Four times as likely to pursue a career in engineering
- ◆ Twice as likely to pursue a career in science and technology

“FIRST creates programs where its participants are limited only by the bounds of their imagination and gives them a forum to begin to examine the world’s problems by exploring science, technology, engineering, and math.”

- Congressman Jim Langevin (Rhode Island)



IMPACT OF FIRST

Inspiring Generations of Global Citizens

As we work as a community to prepare young people for a STEM future, *FIRST* aims to ensure its programs are having a lasting, positive impact on participants across all demographic groups. *FIRST*'s rigorous multi-year longitudinal study, conducted by Brandeis University Center for Youth and Communities, provides strong evidence that participation in *FIRST* does just that. Even with just one year of *FIRST* participation, study participants are two to three times more likely to have gains in STEM outcomes than a comparison group of peers not participating in *FIRST*.

***FIRST* Alumni**

By their fourth year of college, *FIRST* alumni are more likely to be majoring in STEM fields than comparison group peers.

Women in *FIRST*

Young women in *FIRST* have significant gains in all STEM areas including STEM interest, career interest, activity, knowledge, and identity compared to young women in the comparison group.

Benefits of *FIRST*

FIRST students are two times more likely to show an increase in STEM-related attitudes and interests than comparison group students. Positive impacts are evident for all *FIRST* students regardless of race, gender, income, or community type.



SPONSORSHIP

An Investment for the Future

This investment will go beyond just the members of our team. We view it as our responsibility not only to inspire our members but also to enrich the community around us with an appreciation for and an understanding of STEM. Our team has contributed hundreds of volunteer hours mentoring young students. Your business can be part of this revolution in science education and help FIRST achieve its vision of a world where STEM is valued.

What it Takes

Building a robot and participating in FRC is expensive. There are significant costs for registration, tooling, materials, competition fees, and transportation. Our goal each year is to fundraise enough money to reach the *FIRST* World Championships in Houston, Texas.

Transparency

Our mentors and volunteers are paid nothing and donate hundreds of hours of their own time. Ratchet Rocker Robotics is a 501(c)(3) nonprofit organization. We appreciate both in-kind and cash donations. A W-9 form can be provided on request. Our tax ID is 27-3758160. Checks can be made payable to Ratchet Rocker Robotics Inc. All donations are tax-deductible.



BENEFITS

In addition to participating in the education of the future generation of engineers and scientists, sponsors of the Ratchet Rockers receive the following benefits depending on the donation amount.

Diamond Sponsor

\$10,000 and above

- Company logo on the home page of the website
- Recognition in official team name announced at all competitions
- Company logo (large) on the robot and in the pit
- Company logo (large) on the team competition t-shirt
- Request Team 1706 robots to appear at company events
- *Multi-Platinum* level sponsor benefits

Multi-Platinum Sponsor

\$5,000 - \$9,999

- Company logo on promotional materials
- Company logo (small) on the robot and in the pit
- *Platinum* level sponsor benefits

Platinum Sponsor

\$1,000 - \$4,999

- Invitation to sponsor appreciation event
- Company logo (small) on the team competition t-shirt
- *Gold* level sponsor benefits

Gold Sponsor

Up to \$999

- Company name on the website
- Thank you letter and team picture
- Social media post

Contact Us

If you would like more information on the Ratchet Rocker Robotics team or are interested in becoming a sponsor for the current year, please contact us.

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