

# 2022-2023 SPONSORSHIP INFORMATION

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FRC TEAM 3206  
ROYAL T-WRECKS



# ABOUT US



## GET TO KNOW OUR TEAM

Team 3206 Royal T-Wrecks is an FRC robotics team from Woodbury High School established in 2009 in Woodbury, Minnesota. The team currently has nearly 40 students and 9 mentors. All grade levels and all experience levels are welcome to join. Our team meets **year-round** to build robots in the winter and spring FRC season, volunteer over the summer, and train members during the fall. Students work in sub-teams; working on individual subsystems, software, design, media, and marketing in just weeks to produce a **competitive** robot ready for events. Through our club, we support 4 local FTC middle school teams in our district.

## OUR MISSION STATEMENT

To inspire young people to be technology innovators by engaging them in exciting mentor-guided programs with ideation, prototyping, system design, fabrication, teamwork, and competition that foster well-rounded life capabilities including problem solving, self-confidence, communication and respect for all.



# WHAT WE DO

## WHAT SETS US APART

At Team 3206 Royal T Wrecks, we aren't just a team of nerds who build robots for fun. Instead, we are a team of nerds who strive to prepare ourselves for the future, learn and teach each other useful technical and non-technical skills, inspire our communities, make friends, and build robots for fun.

**Our alumni say that being on our team has been the best thing they did in high school to prepare them for the engineering experience in college and the workforce.**



## STUDENTS LEARN SKILLS IN:

- Tool and machinery use
- Craftsmanship and fabrication
- Industry-standard software [Autodesk Inventor and Fusion 360]
- Public speaking and debate
- Design and problem-solving
- Math and physics applications
- Media and literary skills
- The scientific method and engineering process
- Collaboration, leadership, and group work

## OUR ACCOMPLISHMENTS

### 2022

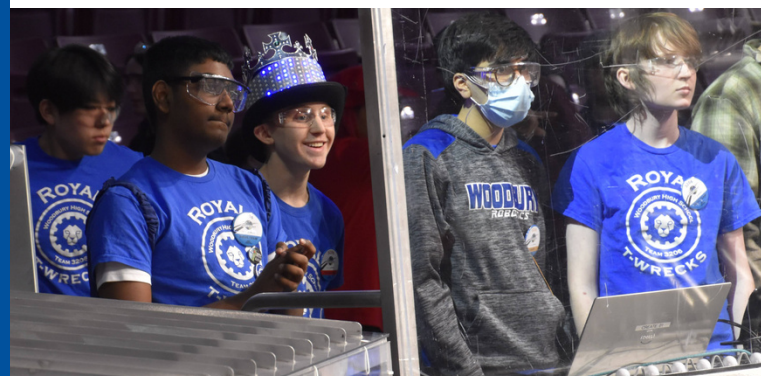
- *Gracious Professionalism Award* at Iowa Regional
- *Creativity Award* at Minnesota North Star Regional
- Qualified for *Minnesota State Championship*

### 2019

- *Excellence in Engineering Award* at Iowa Regional
- Qualified for *Minnesota State Championship*

### 2013

- Third Place at the Minnesota State Fair



**We don't just build robots, we build people.**

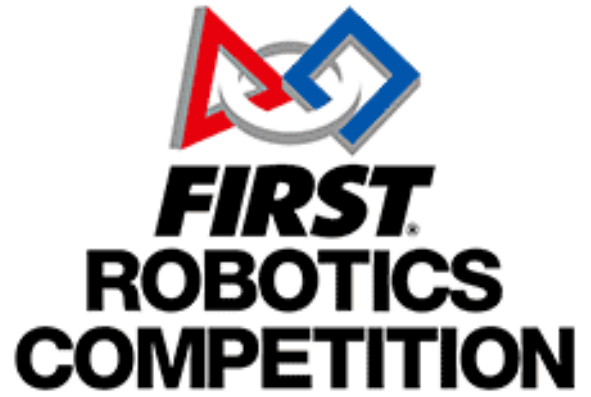
-Raj Gandhi, mentor

# ABOUT FIRST

## THE VISION OF FIRST

FIRST (For the Inspiration and Recognition of Science and Technology) is aimed at educating, inspiring, and engaging young people in STEM in an inclusive, team-based, and competitive environment. Participants call FIRST **"the hardest fun you'll ever have."**

FIRST has a unique culture rooted in two core values: **"Gracious Professionalism"** and **"Coopertition"**. Gracious Professionalism is a philosophy coined by the late Dr. Woodie Flowers, one of the co-founders of FIRST. It's aimed at encouraging empathy and respect for other teams, while still maintaining a competitive culture. Coopertition means simultaneously competing and cooperating. **We believe that we should lift other teams up and challenge them at the same time.** Your opponent in one game is your teammate the next. Team 3206 strives to exemplify these values to our highest ability.



## THE SPORT FOR THE MIND™

FRC (FIRST Robotics Competition) combines the excitement of sports with the rigors of science and technology. Under a time limit, strict rules, and with limited resources, teams of high school students design, build, and program a robot to compete with other teams on a field. Students are also challenged to raise funds and increase appreciation for STEM in their communities. Learn more at [www.firstinspires.com](http://www.firstinspires.com).

**The Minnesota State High School League (MSHSL) qualifies robotics as a varsity eligible sport.**

## FRC STUDENTS ARE:

over  
**2x**

More likely to  
pursue a major in  
science and  
technology

over  
**3x**

More likely to  
pursue a  
major in  
engineering

over  
**2x**

More likely to  
engage with  
their  
communities

over  
**2x**

More likely to  
pursue a career  
in STEM after  
college

# HOW YOU CAN HELP



## AN INVESTMENT IN THE FUTURE

The impact of contributions goes beyond team necessities. **Funding enables us to reach out to our community.** We already fund our middle school FTC (FIRST Tech Challenge) teams through our CREATE 501(c)(3). Our students will contribute to our community by demonstrating at local events, schools, festivals, and fairs, by training new members in our fall season, and by providing support, resources, and student mentorship to FTC teams, sparking interest and inspiration in the minds of young future scientists and engineers.

## HOW WE CAN HELP YOU

Your investment enables us to commit to our mission statement and to do what we love most. We can help educate, inspire, and engage students in STEM. Sponsoring us opens up opportunities for your company as well:

- Direct exposure to thousands of potential customers through outreach events and competitions
- Stand out to local consumers and increase recognition
- Exposure and opportunity to interact with dozens of potential employees and interns
- Help build a technology fluent workforce and help enrich their education
- Local media coverage, social media visibility, and the opportunity to foster community connections and relationships
- Volunteer opportunities for employees through mentorship
- Give students access to volunteer opportunities in our communities
- Gain insight into a future STEM educated workforce

# WHAT WE NEED

## FUNDING ALLOCATION

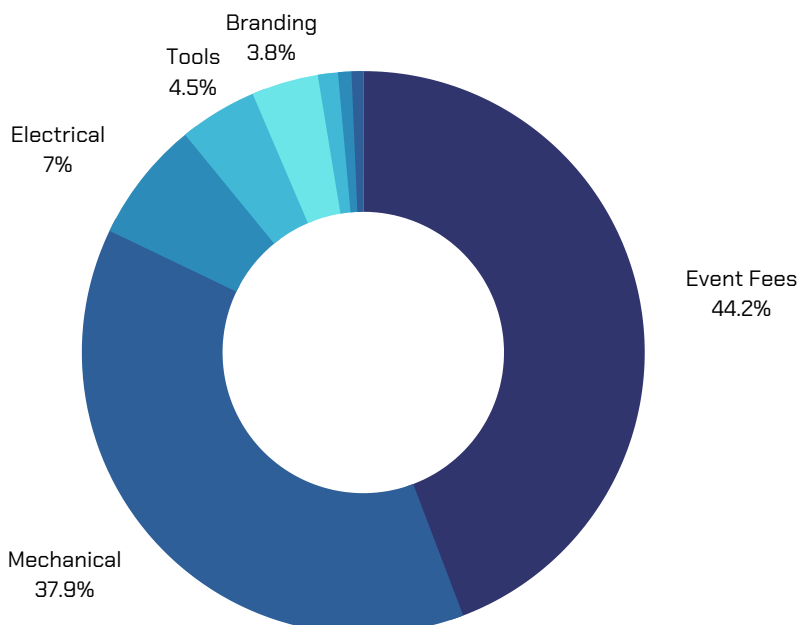
The cost of an industry standard project is quite expensive. Our team requires a minimum of \$20,000 per year to fulfill necessities. Money goes to parts, materials, tools, and other equipment necessary for building a competitive robot each year. Money also goes to event fees (a total of \$9,000 for two regionals). Funding also goes to travel fees, registration fees, practice field elements, marketing, and outreach projects. The distribution of funds to each category typically stays consistent, with the exception of some larger outlying expenses. For example, a logo redesign occurred in the 2016-2017 season, increasing our branding costs.

Donations do not fund coach stipend.

## WISHLIST

These are our wanted donations for the 2022-2023 season:

- Aluminum tubing (1x1in and 1x2in width in 1/8th and 1/16th in thickness)
- Polycarbonate and HDPE sheets
- Laptops, FRC authorized parts, electrical components, and more
- Power tools and machinery
- 3D printers and 3D printing filament
- Gift cards, discounts, and deals
- Food for lunches on Saturdays



## 2021-2022

Event Fees	\$9,150
Mechanical	\$7,840
Electrical	\$1,442
Tools	\$927
Branding	\$795
Other	\$238
Food	\$159
Pit and Field	\$139

**TOTAL: \$20,690**

# DONATIONS

## CREATE ROBOTICS 501(c)(3)

CREATE (Creative Robotics Engineering and Technology Education) is a 501(c)(3) aimed at promote, support and encourage STEM education by writing grants and advocating for corporate financial support, encouraging parent and mentor involvement, and encouraging schools to support STEM programs. **CREATE supports both Team 3206 and 4 FTC teams in two middle schools.** During the 2021-2022 FIRST seasons, **CREATE has supported over 90 students** in hands-on STEM education.

Your donations of any amount allow us to expand and advance our abilities as a team, which expands the visibility of your investment. Our team is neither funded by FIRST nor by our school district, so we rely on the generous donations of companies.

**Contributions toward Team 3206 Royal T-Wrecks are tax deductible. Donations will be made toward CREATE.** A W-9 form will be sent upon a donation.

Visit <https://www.whsactivities.org/robotics-donations> and contact us for more information or to make a donation. Donations can also be made via Venmo to @Create-Robotics.

## IN-KIND DONATIONS

Non monetary donations make a huge difference, too. These donations may include space for a practice diving field (minimum of 27' x 27' with a relatively high ceiling), meals, machinery, materials, discounts, and mentors. As far as in-kind donations go, we will take a holistic view as to which sponsorship package will be fulfilled.

## PRACTICE FIELD SPACE

Right now, we have enough space in our workshop to fulfill a 13.5' x 13.5' space, which is about 1/4 of a real competition field. This is a relatively small space, as a good portion of it is taken up by elements on the field. A larger practice field would allow our drive team a better opportunity to practice using the robot in a realistic environment.

## CONTACT US

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651-226-8357

# SPONSORSHIP PACKAGES

Sponsorships make all of this possible for our team, so we want to show our appreciation. We offer five types of packages with different benefits:

## DIAMOND (\$5,000+)

- Framed team picture and two team shirts
- Large logo on the competition robot
- Logo on the team shirt
- Team presentation on request
- Large logo on competition banner and display
- Website link, information, and logo on our homepage and sponsor page
- A thank-you letter from the team

## EMERALD (\$2,501+)

- Logo on the competition robot
- Logo on the team shirt
- Team presentation and/or update on request
- Large logo on competition banner and display
- Website link, information, and logo on our homepage and sponsor page
- A thank-you letter from the team

## RUBY (\$1,501+)

- Logo on team shirt
- Team presentation and/or update on request
- Medium logo on competition banner and display
- Team summary information
- Website link, information, and logo on our sponsor page
- A thank-you letter from the team

## SAPPHIRE (\$501+)

- Small logo on competition banner and display
- Team summary information
- Website link, information, and logo on our sponsor page
- A thank-you letter from the team

## TOPAZ (\$1+)

- Website link, information, and logo on our sponsor page
- A thank-you letter from the team