



# Opelika's Greatest Robotics Engineers

Sponsorship Information  
2023-2024



## Our Team

Opelika High School's Robotics team, 7072 O.G.R.E., began in 2018 as the first central Alabama school to participate in the FIRST Robotics Competition (FRC). FRC is the highest level of the FIRST (For Inspiration and Recognition of Science and Technology) organization and is composed of students in grades 9-12. Under strict rules, limited resources, and a short time frame, teams of students are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program an industrial-size robot to compete in a difficult field game against like-minded competitors. It's as close to real-world engineering as a student can get in high school. Volunteer mentors from local industries and colleges lend their time and talents to guide each team.

7072 O.G.R.E. Robotics provides opportunities for students to gain maturity, build self-confidence, learn teamwork, and gain an understanding of professionalism while enhancing their knowledge in the fields of manufacturing, mechanics, computer programming, electronics, branding, business, and marketing.

Studies have shown the following benefits of participating in FIRST Robotics Competitions:

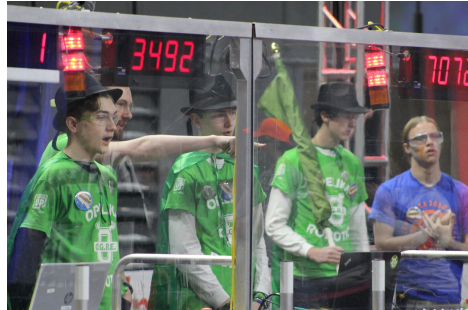
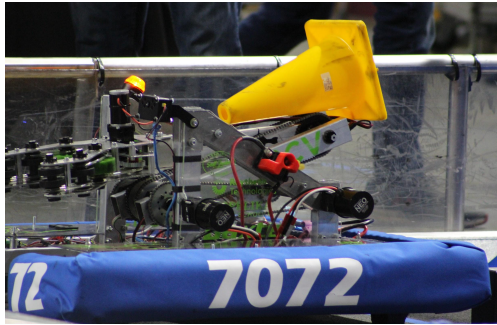
- ❖ 87% of participants plan to take a more challenging MATH or SCIENCE course
- ❖ Females in FIRST have a dramatically increased understanding of STEM compared to females in the comparison group
- ❖ FIRST Alumni are 2.6X more likely to enroll in an ENGINEERING course their freshman year of college
- ❖ Huge gains in Workplace skills by participants
- ❖ 76% of students reported gains in COMMUNICATION SKILLS
- ❖ 95% of students reported gains in TIME MANAGEMENT
- ❖ 93% of students reported gains in CONFLICT RESOLUTION
- ❖ 98% of students reported gains in PROBLEM-SOLVING
- ❖ Every student learns the value of Gracious Professionalism

The 2020 season should have included our team competing at Regional Competitions in both Memphis and Huntsville but, unfortunately, the COVID-19 pandemic canceled our events less than a week before we were scheduled to travel. For the 2021 season, we competed virtually with the 2020 robot but social distancing restrictions limited how much we could do. Our team has returned from the Orlando Regionals as Game Winners for the 2022 Rapid React Season, and from the Rocket City Regional as Game Winners for the 2023 Charged Up Season. We have enjoyed the opportunity with only four years of in-person competition to represent Opelika High School at the World Championship in Houston, TX three times.

FIRST Robotics encompasses 59 countries from around the world making up approximately 3800 active teams. Only 20-25% of those will qualify for the FRC World Championship in any given year. 2023 World's saw 974 student robotics teams from 59 countries competing, and OGRE was one of them. OGRE has achieved this goal three times in 4 years of eligibility. Your financial support and in-kind donations of supplies, services, and mentors make all of this possible for the young people of Opelika, Alabama.

FIRST Robotics is the hardest fun our students will ever have and 100% can go professional in STEM careers if they choose to. We currently have 13 OHS-OGRE alumni and every one of these young adults is currently pursuing or has achieved a STEM degree at colleges like Auburn, Alabama, UAH, SUSCC, and MIT; your gifts are making a difference in supporting students to achieve the same. Seven of these alumni who have stayed local continue to mentor our team and two are FIRST volunteers at regional and World events.

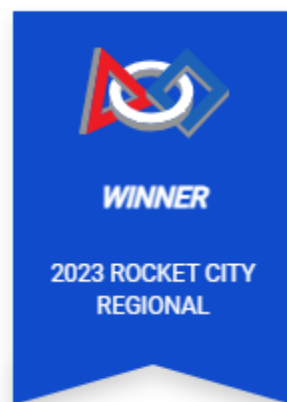
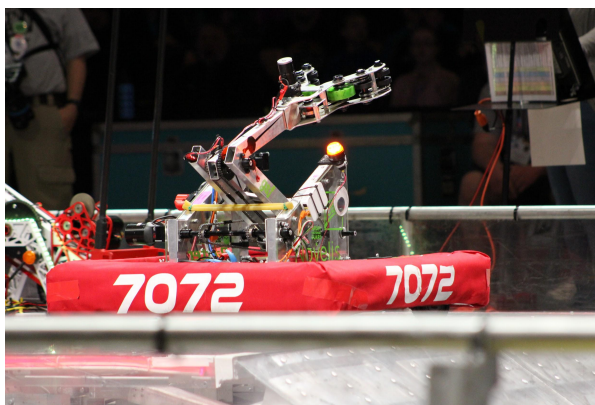






## Awards and Recognitions

- ❖ FRC World Championship 2023 Charged Up, Houston
- ❖ Rocket City Regional 2023
  - Game Champions, 50 teams competing
- ❖ Smoky Mountain Regional 2023
  - Team Spirit Award
- ❖ FRC World Championship 2022 Rapid React, Houston
- ❖ Orlando Regional 2022
  - Game Champions, 56 teams competing
  - Jack Kamen Imagery Award for Robot Aesthetic Design
- ❖ 2020-2021 US DOE CubeSat Challenge Finalist
  - 94 teams applied, 5 finalists chosen
  - Successfully launched a student-designed and built CubeSat to over 94,000 feet on a weather balloon with a magnetometer to measure Earth's magnetic field.
- ❖ Greenpower USA Chambers County Grand Prix Advanced Stock race, 1st Place
- ❖ FRC World Championship 2019 Deep Space, Houston
- ❖ Rocket City Regional 2019, Our 2<sup>nd</sup> Year
  - Game Champions; 55 teams competing
- ❖ Palmetto Regional, Our 2<sup>nd</sup> Year
  - Semi-Finalist; 64 teams competing
- ❖ GRITS (Georgia Robotics Invitational Tournament and Showcase)
  - Game Champions; 31 teams competing
- ❖ Rocket City Regional 2018, Our Rookie Year
  - Game Finalist (2<sup>nd</sup> place); 45 teams competing
  - Rookie Inspiration Award



# Community Involvement

- ❖ Community Showcases at Opelika Public Library during the summer
- ❖ Lee County Relay for Life
- ❖ Auburn University E-day
- ❖ VEX on the Plains Volunteers
- ❖ Robotics Education and parade @ Jeter Primary School for Career Day
- ❖ Opelika Board of Education Demonstration and Recognition
- ❖ STEM club presentation @ Northside Intermediate School
- ❖ Mentor Beulah High School and Opelika Middle School Robotics Teams
- ❖ Presentations/Demonstration to Lee County Leadership and Forty Under 40 Leadership Classes
- ❖ Presentation to local plant managers and CEO educational luncheon
- ❖ School-wide robotics team educational video on The Kennel, Opelika High School's weekly news program
- ❖ Visits with local Elementary and Intermediate Schools to teach students about STEM
- ❖ CanBot outreach at Food Truck Friday to encourage recycling
- ❖ Regular Summer and Holiday Delivery Route for Feeding God's Children program at TUMC



Follow us on social media:



OGRE - Opelika's Greatest Robotics Engineers



ogrrobotics



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ogrrobotics.com

**These accomplishments in our recent years would not have been possible without the help of our sponsors. Thank you!**

**2022-2023**

Novelis/Ball  
Golden State Foods  
Raytheon-RTX  
Baxter International Foundation  
Army National Guard  
John Soules Foods  
Sons Ford  
Scott Bridge Company  
OCV LLC

**2021 - 2022**

Auburn Electric  
Baxter International  
Bubba's Medicine Shop  
Courtland Communities  
EAMC  
Gordon L. Davis, PE  
J Roarke Plumbing  
OCV LLC  
Pharmavite  
Rock n Roll Pinball  
RTX Raytheon/Pratt & Whitney  
Smith T Building Supply  
Taylor Made Designs  
Timeless Antiques and Flea Market

**2020-2021 (Virtual)**

Baxter  
DoD STEM  
NASA

**2019-2020**

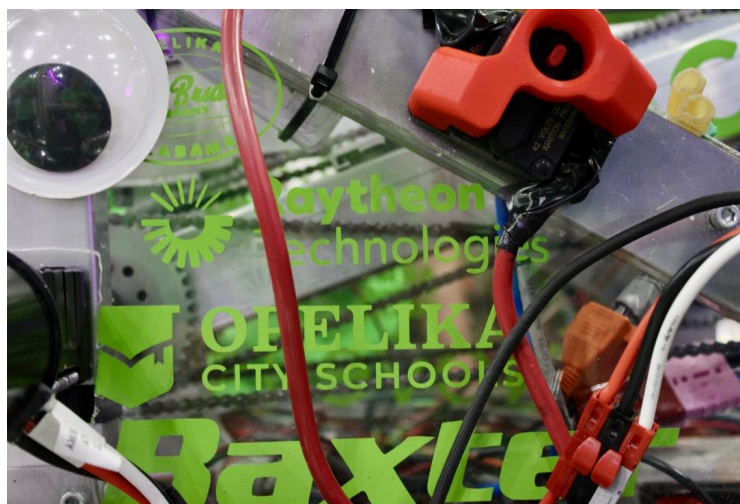
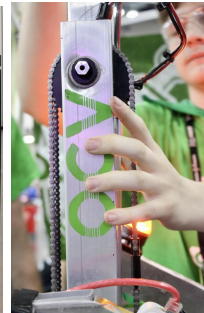
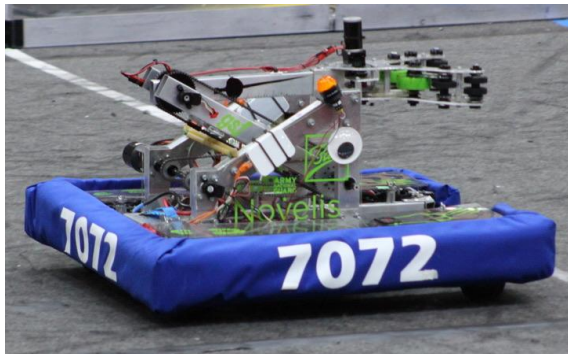
BEC  
DoD STEM  
Martin Federal Consulting  
NASA  
Southern Union State Community College  
United Technologies  
US Air Force

**2018-2019**

Auburn Bank  
DoD STEM  
Gentry & Ware Motor Company  
Gordian Strategies Inc.  
John Rice Realty  
NASA  
Rice & Parr Attorneys at Law  
United Technologies

**2017-2018**

APR  
BEC  
Firing Pin  
NASA  
Novelis  
PFM  
Southern Union Community College Technical Division





# Sponsorship Levels

## **Diamond- \$10,000 +**

*The best support you can give to our team! The greatest contribution you can give to supporting the engineers and leaders of tomorrow.*

- ❖ Our team (students and mentors) will travel to a venue of your choosing and demo our robot up to two times! (conferences, training events, etc.)\*\*
- ❖ Your logo will be displayed on our competition robot (large) + will be announced as part of our formal competition team name
- ❖ Your company logo will be displayed on our team t-shirt (large)
- ❖ Your company logo + a link to your company website will be featured on our website
- ❖ Your company logo will be featured on our monthly social media newsletter
- ❖ You will also receive a thank you package containing: a keychain + a sticker + two team t-shirts + a thank you letter from the team

## **Platinum- \$5,000 - \$9,999**

- ❖ Our team (students and mentors) will travel to a venue of your choosing and demo our robot!\*\*
- ❖ Your logo will be displayed on our competition robot (medium) + will be announced as part of our formal competition team name
- ❖ Your company logo will be displayed on our team t-shirt (medium)
- ❖ Your company logo + a link to your company website will be featured on our website
- ❖ Your company name will be featured on our monthly social media newsletter
- ❖ You will also receive a thank you package containing: a keychain + a sticker + two team t-shirts + a thank you letter from the team

## **Gold- \$2,500 - \$4,999**

- ❖ Your company logo will be displayed on our competition robot (small)
- ❖ Your company logo will be displayed on our team t-shirt (small)
- ❖ Your company logo will be on our website
- ❖ You will also receive a thank you package containing: a keychain + a sticker + two team t-shirts + a thank you letter from the team

## **Silver- \$1,000 - \$2,499**

- ❖ Your company name will be displayed on our competition robot (small)
- ❖ Your company name will be displayed on our team t-shirt (small)
- ❖ Your company name will be on our website
- ❖ You will also receive one team t-shirt + a thank you letter from the team

## **Bronze- under \$1,000**

- ❖ Your company name will be displayed on our website
- ❖ You will also receive a thank you letter from the team.

**\*OGRE Robotics is a school district program that does not operate for profit. Therefore, all donations are eligible for an IRS allowed tax deduction.**

**\*\*Our team can possibly travel to any venue in Alabama. For bordering states and other possibilities, please inquire with us. We are happy to work with your company, provided it is feasible for our students and mentors.**

# Sponsorship Form

Thank you for taking the time to read our sponsorship packet. If you have any questions or concerns, please contact the Lead Advisor, Brenda Howell, at [brenda.howell@opelikaschools.org](mailto:brenda.howell@opelikaschools.org) or our Marketing Advisor, Adrianna Padgett, at [adrianna.padgett@opelikaschools.org](mailto:adrianna.padgett@opelikaschools.org). If your organization would like to assist our team financially or otherwise, please detach this form from the sponsorship packet, fill in your information, and return it to:

**ATTN: O.G.R.E. Robotics  
Opelika High School  
1700 Lafayette Parkway  
Opelika, Alabama 36801**

Company Name: \_\_\_\_\_

Company Phone Number: \_\_\_\_\_

Company Address: \_\_\_\_\_

State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: \_\_\_\_\_ Email: \_\_\_\_\_

Business Website: \_\_\_\_\_

T-Shirt Size (if applicable): \_\_\_\_\_

Chosen Sponsorship Level: \_\_\_\_\_

**\*Please make checks payable to Opelika High School with a note for OGRE Robotics**

## MENTORSHIP AND SUPPLIES

You can also support our team through mentorship as well as providing in-kind donations of shop equipment, marketing supplies, and even meals for travel or late-night work sessions. Please reach out to [Brenda.howell@opelikaschools.org](mailto:Brenda.howell@opelikaschools.org) or [adrianna.padgett@opelikaschools.org](mailto:adrianna.padgett@opelikaschools.org) if this is a better option for you!