



Opelika's Greatest Robotics Engineers

Sponsorship Information
2024-2025



PRESENTED BY **HAA5**
Gear Head Foundation

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, promote a team brand, hone skills, and build and program an industrial-size robot to compete in a challenging 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.

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, business, and marketing.

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

- ❖ 83% are interested in becoming a scientist or engineer
- ❖ 93% gained mechanical/technical skills
- ❖ 88% interested in doing well in school
- ❖ 92% interested in going to college
- ❖ 92% have self confidence
- ❖ 99% engage in teamwork
- ❖ 94% solve disagreements
- ❖ 95% used leadership skills
- ❖ 90% use math to solve a real world problem
- ❖ 99% solve unexpected problems

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. For the 2024 Crescendo Season, we made it to finals in Tallahassee, but were just short of making it to worlds.

FIRST Robotics encompasses 28 countries from around the world making up approximately 3,468 active teams (As of the 2024 Crescendo game). 2024 World's saw 600 of these teams competing. OGRE has achieved this goal three times in the five 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 17 OHS- OGRE alumni and a large majority of these young adults are currently pursuing or have 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 have stayed local to continue to mentor our team and two are FIRST volunteers at regional and World events.



Tallahassee Regional Finalist Spring, 2024

Awards and Recognitions

- ❖ Orlando Regional 2024
 - Imagery Award
- ❖ Tallahassee Regional 2024
 - Regional Finalist (2nd Place)
 - Imagery Award
- ❖ 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 2nd Year
 - Game Champions; 55 teams competing
- ❖ Palmetto Regional, Our 2nd 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 (2nd place); 45 teams competing
 - Rookie Inspiration Award



Orlando Imagery Award Spring, 2024



Tallahassee Imagery Award Spring, 2024

Community Involvement

- ❖ Community Showcases at Opelika Public Library during the summer
- ❖ 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
- ❖ 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



Feeding God's Children Summer, 2024



Southview Primary visit Spring, 2024

Follow us on social media:

 **OGRE - Opelika's Greatest Robotics Engineers**

 **ogrerobotics**

 **@ogrerobotics**

 **ogrerobotics.com**

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

2023-2024

OCV LLC
Scott Bridge Company
Gene Haas Foundation
Baxter International Foundation
Raytheon-RTX
Golden State Foods
John Soules Foods
PPG
Courtland Communities
Gentry & Ware
Auburn Electric
VZ Rentals
Natalie Bass, Realtor
Nerd Torch Cafe
East Alabama Health
Harbor Freight
Our Home Pharmacy

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

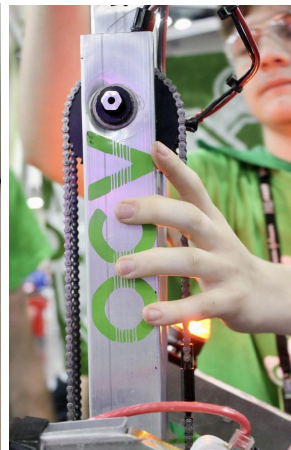
BEC
DoD STEM
Martin Federal Consulting
NASA
Southern Union State Community College
United Technologies
US Air Force

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



Sponsor logos being displayed over the years, 2022-24

Sponsorship Tiers

Bronze: under \$1,000

- ❖ Your company name will be displayed on our website
- ❖ You will also receive 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

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

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

Diamond: \$10,000 +

- ❖ 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

***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.**

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 or samuel.barnes@opelikaschools.org if this is a better option for you!

Sponsorship Form

Thank you for taking the time to read over our sponsorship packet. If you have any questions or concerns, please contact one of our Advisors, those being either Samuel Barnes, at samuel.barnes@opelikaschools.org, or Brenda Howell, at brenda.howell@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:

City: _____ State: _____ Zip Code: _____

Contact Person:

Phone: _____

Email: _____

Business Website URL:

T-Shirt Size (if applicable): **XS** **S** **M** **L** **XL** **2XL** **3XL**

Chosen Sponsorship Level: _____

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