ROSS RAMBOTICS

SPONSORSHIP PACKET

OUR MISSION

Ross Rambotics was founded in 2010 at Ross High School in Hamilton, Ohio, as a way for the students of our small, rural community to get access to STEAM education they may not have otherwise. Very soon after, the program was extended to the middle school to include those eligible to join the FLL program. All together, our teams have competed at regional, state, and national levels and continue to only grow and progress.

Ross Rambotics is a multi-school robotics group participating in *FIRST* LEGO League Challenge (FLL) for grades 5-8th and FIRST Robotics Competition (FRC) for grades 10-12th, with the goal of learning valuable technical and life skills that prepare students for real-world careers in the fields of Science, Technology, Engineering, Art, and Math (STEAM).

Reaching out to those in the community and to other *FIRST* teams is just as important to us as competing. It provides us with the opportunity to raise interest in STEAM and allows our team to mentor younger students. While we love innovating and inspiring, it's no secret that maintaining multiple robotics teams and continuously engaging with the community takes a lot of time and resources. We want to ensure no student misses out, so we strive to minimize participation cost by partnering with local businesses in order to empower both communities. If that sounds like you, please review the attached Sponsorship Levels and details. We appreciate your support; let's work together to build a better future!

ABOUT US

BUILD
Assembles the robot out of the designed pieces and parts.

CAD
Designs the parts of the robot on the computer.

PROGRAMMING
Writes and tests the code needed to make the robot perform certain tasks.

SCOUTING
Gathers intel on other teams to maximize mid-match performance.

OPERATIONS
Deals with fundraising, design related projects, and outreach.

The Ross Rambotics *FIRST* Robotics Competition Team 3201 is our award-winning high school team. Team 3201 is small but mighty. While other teams in the area host upwards of 40 members per team, the Ross Rambotics continue to compete neck-and-neck with a constant team size of around 25 students.

3201 has more than just a drive team: our CAD, Programming, Scouting, and Operations subteams can make anyone shine.

Our team is also very passionate about the outreach that we do. Ever since 2010, we've been helping others understand the importance of STEAM education through:

- Helping our middle school FLL teams.
- Running an official FLL tournament.
- Demonstrating our robot at our FIRST LEGO League tournament.
- Running a LEGO programming camp.
- Demonstrating our robot to the Ross School Board.
- Demonstrating in Ross sports events.
- Supporting local businesses through t-shirt cannon publicity.
- Helping non-profit group May We Help to build a specialized walker for a young girl with a muscular disorder.

OUR BUDGET

There is no doubt about it, an FRC team is an expensive thing to run and maintain. The tournament alone has a registration fee of $6,000 for the first and $3,000 for each additional tournament, as well as a $5,000 cost to build our robot. FIRST uses the registration fees to pay for the college campus or convention center big enough to hold anywhere from 20 to 400 teams depending on the tournament.

Each year our team must maintain a budget of around $20,000 to keep us going. Our budget expenses factor in our mandatory expenses such as registration, travel, lodging, and material cost combined with a list of computer equipment, shop equipment and tools we would like to have in order to expand and improve our team's performance in the competition and impact in the community.

We rely on our own fundraising efforts and sponsorships to fund our team. Any and all contributions are greatly appreciated. With your help, we can continue to help spread STEAM throughout the Ross community and beyond.

$6,000
First Tournament Fee

+

$3,000
Hotel for First Tournament

+

$3,000
Second Tournament Fee

+

$1,500
Hotel for Second Tournament

+

$5,000
Cost of Robot

+

$1,500
Additonal Appliances/Upkeep

=

$20,000
ANNUAL BUDGET

ABOUT US

Students work together to design, build, and program autonomous LEGO robots to complete themed missions on a game board. Each season, teams also research a real-world problem related to the annual theme and present an innovative solution in the form of an Innovation Project. The competition emphasizes teamwork, problem-solving, and the Core Values of inclusion, discovery, and cooperation. It encourages students to apply science, technology, engineering, and math in creative, hands-on ways while developing essential life skills.

At Ross Rambotics, we host multiple student teams that accomplish the above annually and compete with each other and other teams from around the world. Our season lasts typically from August-November, but in the event that teams perform exceptionally well, they may advance to more prestigious events that can last well through Spring.

For the past 6 years we have had teams advance through multiple tournaments and complete at the state championship each March. We also have had a team represent Ohio at an International Tournament and win best Innovation Project after advancing beyond the state championship.

OUR BUDGET

We strive to keep all of Ross Rambotics entry-fee-free, including all of our Ross Middle School FLL teams. Our registration fees for our middle school teams is $400 per team. Beyond that, our teams not only share spaces, but game boards, utilities, LEGOs, and sometimes even robots. These utilities wear and tear often because of constant use, so we need the funds to keep our technology running and our students learning.

In addition to the teams, the Ross Rambotics host the annual FLL Rambotics Regional, an official *FIRST* qualifying tournament in November for regional FLL teams to compete and present their progress since the start of the season. As such, we need to pay for concessions and other event necessities in order to accommodate a large group of students, coaches, and spectators. We also run an annual LEGO SPIKE Programming Camp that requires funding to run.

Starting this year, we also look to maintain an annual Coaches Training meeting, a Ross Rambotics hosted night taught by two of our coaches with over 15 years of coaching experience. We even collaborated with *FIRST* to make this an official event with over 30-in person participants our first year with even more attending online.

$2,000*
RMS Team Registration Fees

+

$1,750
FLL Rambotics Regional Costs

+

$750
SPIKE Programming Camp Costs

+

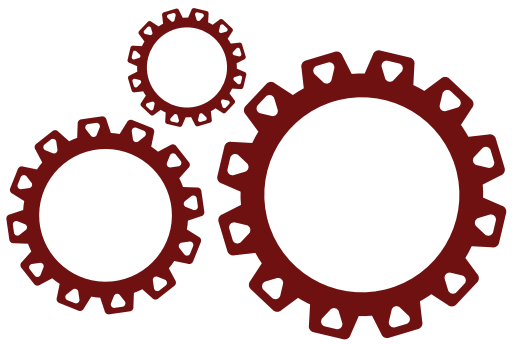
$1,000
Equipment, T-Shirts, and Supplies

=

$5,500

ANNUAL BUDGET

*as of the 2026-27 season



SPONSORSHIP LEVELS

While monetary or in-kind donations of any amount are greatly appreciated, sponsoring at one of the levels shown in the chart below will allow you to become a "Bronze'', "Silver ", "Gold ", or "Platinum" partner with our team and provide public recognition of your support.

Checks can be made payable to RAMBOTICS BOOSTERS and sent to 3422 Spyglass Ridge, Hamilton, OH 45013. Alternatively, we also accept payments through Venmo!

VENMO
@donate-ross-rambotics

Bronze ($100-$499)*	Silver ($500-$999)*	Gold ($1,000-$2,499)*	Platinum ($2,500+)*
Logo on website Company shoutout post on social media	All of Bronze Logo on FLL/FRC t-shirt	All of Silver Sponsor logo in FRC competiton booth/FLL Regional Competition	All of Gold Sponsor name read during first FRC competition match FLL/FRC team able to demonstrate robot at sponsor event
All Levels Include: Thank you letter at the conclusion of our season Our gratitude!			

WHAT IS *FIRST*?

FIRST is a global non-profit organization dedicated to inspiring young people to be leaders and innovators in the fields of science and technology. Throughout *FIRST*'s K-12 programs, students learn STEM along with many powerful life skills including teamwork, perseverance, professionalism, public speaking, and time management. Ross Rambotics competes in two of the four *FIRST* programs: *FIRST* LEGO League Challenge and *FIRST* Robotics Competition.

- *FIRST* LEGO League (FLL): Built around theme-based challenges to engage children ages 9-16 in research, problem solving, coding, and engineering. The foundation of the program is the *FIRST*® Core Values, which emphasize teamwork, discovery, and innovation.
- *FIRST* Robotics Challenge (FRC): Under strict rules, limited time and resources, teams of students are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program industrial-size robots to play a difficult field game against like-minded competitors. It's as close to real-world engineering as a student can get.

Questions? Check out *FIRST*'s website at firstinspires.org or scan this QR code:

CONTACT US

Have any questions or want to get to know our teams better? Come talk to us!

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