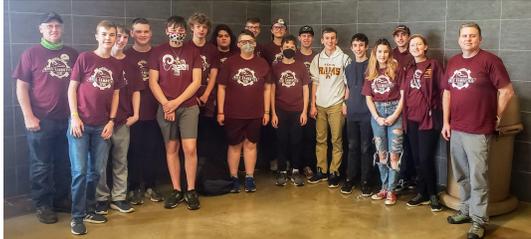




Ross Rambotics is a high-school robotics team based in Hamilton, Ohio. Participating in *FIRST* Robotics Competition, we learn valuable technical and life skills that prepare us for real-world careers in the fields of Science, Technology, Engineering, and Math (STEM).



The Ross Rambotics program also emphasizes leadership and community involvement. These values are evident in our mission *“to inspire students to build a better future by promoting leadership and STEM skills throughout the Ross community and beyond.”*

FIRST® (For Inspiration and Recognition of Science and Technology) 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. The program for students in 8th through 12th grade, *FIRST* Robotics Competition (FRC), has students and their adult mentors build a 150-lb. robot that is used to compete with other FRC teams from around the country and the world.



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 STEM and allows our team to mentor younger students. Some of our outreach activities include our very own *FIRST*® LEGO® League qualifier tournament, LEGO mindstorms robotics and programming camp, local fairs & events, and Rambotics STEMfest. We even founded and continue to support seven elementary and middle school robotics teams.



While we love innovating and inspiring, it's no secret that maintaining eight robotics teams and continuously engaging with the community takes a lot of time and resources. Furthermore, we want to ensure no student misses out, so we strive to minimize participation cost by partnering with local businesses that recognize the importance of STEM education and want to empower their community. 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!

rossrambotics.com | 3201rambotics@gmail.com
Rambotics Boosters is a 501 ©(3) non-profit; our EIN is 84-2836234

RamBotics 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. Thank you!

Bronze (\$100-\$499)*	Silver (\$500-\$999)*	Gold (\$1,000-\$2,499)*	Platinum (\$2,500+)*
<ul style="list-style-type: none"> ● Name on FRC T-shirt ● Name on website 	<ul style="list-style-type: none"> ● All of Bronze ● All Pictures of FLL, FLL Jr. & FRC Teams ● Sponsor logo on FRC Robot ● Sponsor name in Ross FLL & FLL Jr. tournament program 	<ul style="list-style-type: none"> ● All of Silver ● Sponsor logo on competition banner 	<ul style="list-style-type: none"> ● All of Gold ● Large sponsor logo on FRC T-shirts ● Large sponsor logo on competition banner ● Large logo on FRC Robot ● Large logo in Ross FLL & FLL Jr. tournament program ● Sponsor name announced at all FRC competitions ● FRC team available to demonstrate robot at sponsor event

*Or equivalent in-kind/machine time donation.

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<p>Additional opportunity:</p> <p>\$500 --- present & announce an award at the next RamBotics FIRST LEGO League Tournament (November)</p>	<p>All levels include:</p> <ul style="list-style-type: none"> ● Thank you on social media ● Thank you letter ● Listed on website (rossrambotics.com) ● Our gratitude!!! 	<p>Additional opportunity:</p> <p>\$500 --- sponsor the judges hospitality room at the RamBotics FIRST LEGO League Tournament (November)</p>
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Checks can be made payable to RamBotics Boosters and sent to:

RamBotics Boosters | 3422 Spyglass Ridge | Hamilton, OH 45013

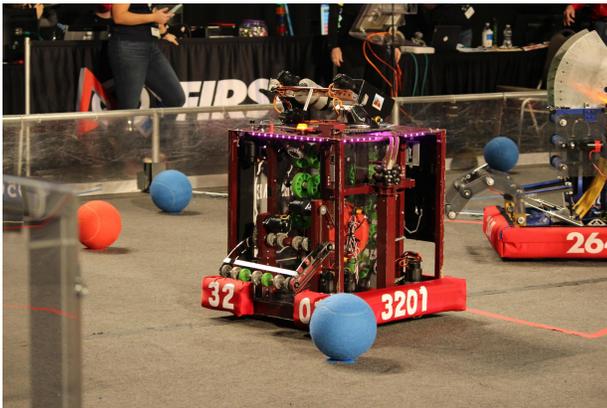
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WHAT IS FIRST?

The Rambots compete in a global program called FIRST. FIRST gives students an opportunity to start learning STEM values at the age of 6 and it spans all the way through the end of high school.

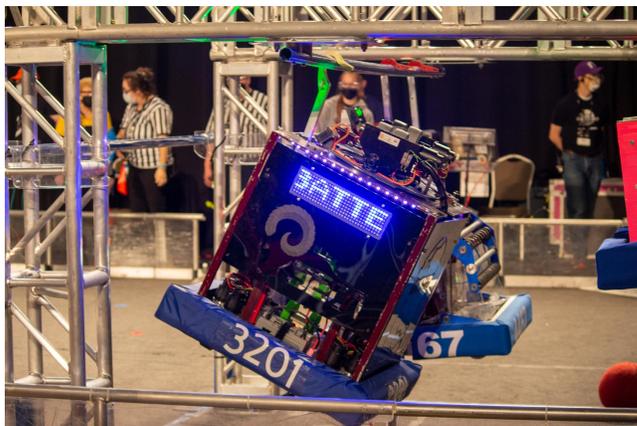
- *FIRST* LEGO League Jr. is designed to introduce STEM concepts to kids ages 6 to 10 while exciting them through a brand they know and love – LEGO®.
- *FIRST* LEGO League is built around theme-based Challenges to engage children ages 9 to 16* in research, problem solving, coding, and engineering. The foundation of the program is the *FIRST*® Core Values, which emphasize teamwork, discovery, and innovation. Students emerge more confident, excited, and equipped with the skills they need in a changing workforce.
- *FIRST* Tech Challenge teams (up to 15 team members, grades 7-12) are challenged to design, build, program, and operate robots to compete in a head-to-head challenge in an alliance format.
- Finally the program we compete in, *FIRST* Robotics challenge; 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. Volunteer professional mentors lend their time and talents to guide each team. Each season ends with an exciting *FIRST* Championship.



FIRST was founded in 1989 by Dean Kamen. With the help of Woody Flowers they created FIRST Robotics Competition. The first year FRC was made up of just 28 teams with only one competition in a gym in New Hampshire. Since then FIRST has flourished and grown into what it is today, there are 570,000+ students and 67,000+ teams.

Just one of the benefits of FIRST is the scholarships. Across the world there are over \$80 million worth of scholarships open to FIRST students. FIRST also opens up opportunities for students like learning how to use code, CAD modeling, or power tools.

ABOUT US



Ross Rambotics was founded in 2010 at Ross High School as a way for the students of our small, rural community to get access to STEM education they may not have otherwise.

Despite the challenges we face, the program has persisted and thrived. Three times our team has been a Regional Finalist and in 2017 we advanced to compete at the FIRST Championship in St. Louis, Missouri.

Members work together to learn and teach various components of robotics (programming, CAD, CAM, building, and operations). During our season (January - March), we design and build robots that will compete in a three-on-three tournament according to FIRST Robotics Competition rules. In the off-season we promote STEM through robotics camps and other events.

. We have done lots of outreach including:

- Running a FIRST LEGO League tournament.
- Running a LEGO robotics camp.
- Demonstrating our robot to the Ross School Board.
- Demonstrating our robot at our FIRST LEGO League tournament.
- Participation in Ross school promotional events.

We also intend to expand our outreach. While we already do a lot we want to expand to our and reach people from not just the Ross community, but people all over.

OUR BUDGET

There is no doubt about it, FRC is an expensive program to run and maintain. The tournament alone has a registration fee of \$6000 for our first one and \$3000 for each additional tournament, as well as a \$5000 cost to build our robot. However, an FRC tournament is an experience you will never forget. First uses the registration fees to pay for the college campus or convention center big enough to hold anywhere from 20, at a small regional or off season event, to 400 teams, competing at FIRST World Festival Championship. Additionally each team has anywhere from 10-100 or more students that participate and come sit in the stands to cheer for their team. Each tournament has to set up at least one 27x54ft field where each match is played, as well as a speaker and video system for spectators to watch.

Each year our team must maintain a high budget of around \$20,000-\$30,000 to keep us going. Our 2022-2023 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.

Contacts-

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