

FRUITY LOOPS

FTC Robotics Team #23424

St. Charles, MO



Sponsorship Packet

Contact us:

fruityloopsrobotics@gmail.com

Connect with us:

FruityLoopsRobotics.org

 [@FruityLoopsRobotics](https://www.facebook.com/FruityLoopsRobotics)

Who we are

We are the Fruity Loops, an award-winning FIRST Tech Challenge robotics team from Saint Charles, Missouri. We joined the FIRST community eight years ago as a FIRST LEGO League Explore team. Going into next season we will have two middle schoolers, one freshman, four sophomores, and one junior. We qualified for the Missouri/Kansas Regional Championship in our first two FTC seasons. We are all part of an active Girl Scout troop that focuses on camping, art, and community service.

History

Seasons

FIRST LEGO League Explore

- 2016 - Creature Craze
- 2017 - Aqua Adventure

FIRST LEGO League Challenge

- 2018 - Into Orbit
- 2019 - City Shaper
- 2020 - RePlay
- 2021 - Cargo Connect
- 2022 - SuperPowered

FIRST Tech Challenge

- 2023 - Centerstage
- 2024 - Into The Deep
- 2025 - Decode



Awards

Cargo Connect (2021):

- State - 1st Place Robot Performance Award
- State - Advancement to Razorback Invitational

Superpowered (2022):

- State - 1st Place Robot Performance Award
- State - 1st Place Champions Award
- State - Advancement to FIRST Championship

Centerstage (2023):

- League - Winning Alliance
- League - Advancement to MO/KS Championship

Into The Deep (2024):

- League - Winning Alliance
- League - 2nd Place Inspire Award



About **FIRST Robotics**

What is **FIRST Robotics**?

FIRST, is a global non-profit organization that operates the world's largest youth robotics competition and offers several programs for preschool through 12th grade students.

FIRST LEGO League has the widest age range, as it goes from preschool to eighth grade. FIRST Tech Challenge targets middle and high school students and FIRST Robotics Competition targets high students.

But FIRST is more than robots. Through their robotics programs, they build skills, confidence, and perseverance in young people to make an impact on the world as adults. FIRST encourages us to run our team like a business, preparing us for the professional world. We manage our team finances, build our brand identity, define our organization structure, and create a season plan. We also learn about FIRST's Core Values and demonstrate them in all that we do.

What is the Impact of **FIRST Robotics**?

FIRST prepares students for a future in STEM and builds workforce skills like teamwork, communication, and problem-solving.

Here are a few statistical highlights from the 2022 FIRST Longitudinal Study:

- 81% of FIRST Alumni declare a major in STEM;
- 48% of female FIRST Alumni declare a major in engineering or computer science;
- FIRST students are 2x more likely to show gains in STEM outcomes and this positive impact are evident for all students regardless of race, gender, income, or community type.



Team Needs & Finances

For our final year of FIRST LEGO League, we made it to the FIRST Championship in Houston. In order to pay for transportation, registration, materials, and pit supplies, we needed to fundraise a lot of money in a short period of time. Our team has never charged dues since it was formed ten years ago, to remove any financial barriers to participate in robotics. To fundraise, we worked really hard selling Girl Scout Cookies and team-crafted soap so that every team member would be able to travel to Houston. Between fundraising and preparing for the FIRST Championship, we exhausted ourselves and experienced burnout. From this we learned the importance of reaching out to our community throughout the year for financial support, so we are prepared financially for travel if and when we advance.



How Donations are Used

While the FTC robot kits use can be taken apart and reused, we keep our prior season season robots intact for kids to drive at outreach events at flea markets and festivals. We did not buy many extra parts so we ended up using all of the materials we bought. A large portion of our parts were donated to us, so next season's budget is going to be higher to buy new replacement parts. We estimate it to cost \$4,500.

We plan to reach out to local manufacturing companies to explore custom machining parts for our robot. If we have extra funds we would buy aluminum sheet metal and contribute to the cost of machining it. We are hopeful that a local business may be willing to donate their services to make these parts.

As a FIRST team it is important to create a strong brand identity. We are projecting to spend \$500 on operating a website, printing signs and banners, making buttons, and pit supplies.

We aim to advance to the FIRST Championship or a Premier Event in 2026 and need to be financially prepared. The MO/KS Championship is only a month prior to the FIRST Championship so there is little time to fundraise. We estimate the team's travel costs from St. Louis to Houston to be \$5,000. In the event that we do not qualify, the funds will carry over to the next season.

Account	2024-2025 Actuals	2025-2026 Budget
Registration Fees	(\$975)	(\$1,220)
Robot Parts & Supplies	(\$4,103)	(\$4,500)
Equipment	(\$1,767)	(\$1,133)
Meet Related	(\$873)	(\$850)
Outreach	(\$995)	(\$860)
Travel	(\$1,070)	(\$1,200)
Expense Total	(\$9,783)	(\$9,763)

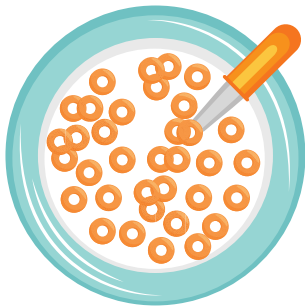
Sponsor & Donor Levels



Toucan Sponsor

\$2,000+

- Large logo on Robot
- Large logo on the team shirt and sponsor banner
- Large logo on the team website
- Four dedicated social media posts
- All Milk Donation benefits



Bowl Sponsor

\$1,000-\$1,999

- Medium logo on robot
- Medium logo on the team shirt and sponsor banner
- Medium logo on the team website
- Two dedicated social media posts
- All Milk Donation benefits



Cereal Donor

\$250-\$999

- Small logo on the team shirt and sponsor banner
- Small logo on the team website
- All Milk Donation benefits



Milk Donor

<\$250

- Social media posts
- Fruity Loops team button
- Thank you letter from the team

Final Thoughts

Fruity Loops Robotics is a local, all-girls robotics team with a successful track record of advancing to the highest level of robotics competition in the world. We rely on organizations, businesses, and individuals in our community for financial support. Donations are tax-deductible as we have 501(c)(3) backing through Girl Scouts of Eastern Missouri.

Our team would appreciate the opportunity to present to your organization or business about our team and FIRST robotics, including a demonstration of our robot. To schedule a presentation or to arrange a sponsorship, reach out to us at fruityloopsrobotics@gmail.com.

Thank you for your time and consideration. We hope we can count on you for your support!

Sincerely,

Fruity Loops Robotics, FTC Team #23424

Asher
Kore
Umaiza

Avery
Olivia
Lexi

Kate
Sarah

