Sponsorship Proposal

About Our Team

Pyxis FRC (Team #11320) is a first-year, **community-based** (no school affiliation), **dues-free** high-school robotics team. Founded in September 2025, our mission is to **provide students with a friendly environment that facilitates their technical and personal growth.**

Our Values

Pyxis FRC aims to inspire and train the engineers and inventors of the future. We are a student-run, tight-knit, and passionate team of students and mentors collaborating for competitive success.

Student leadership: A unique aspect of Pyxis is our strong commitment to student leadership. Students form the backbone of the team in almost every aspect: engaging sponsors, budgeting, designing, building, and programming the robot, and creating and executing outreach events. Through this responsibility, our students gain valuable leadership and professional skills.

Removing financial barriers to STEM: Many high-school students interested in STEM can't afford the high entry costs of STEM opportunities. However, we believe financial barriers should not prevent students from participating on a robotics team. To this end, Pyxis does not charge entry fees, and also covers travel costs for competitions.

Inspiring future students: This impact also expands beyond students on our team — we perform outreach in local communities to inspire passion for STEM. We carry out outreach in the East Valley and plan on conducting STEM camps to educate and inspire children in STEM and engineering concepts. We are going to expand these STEM workshops to San Tan Valley, a small-town community where students lack practical access to valuable STEM opportunities.

FIRST Robotics Competition

FIRST Robotics Competition (FRC) is an international robotics program run by FIRST® (For Inspiration and Recognition of Science and Technology), a global nonprofit organization that prepares young people for the future through a suite of inclusive, team-based robotics programs. In a 3-month build season (Jan-Mar), students are challenged to fundraise, design a team brand, and hone teamwork skills while designing, building, and programming industrial-size 120 lb robots to play a field game.
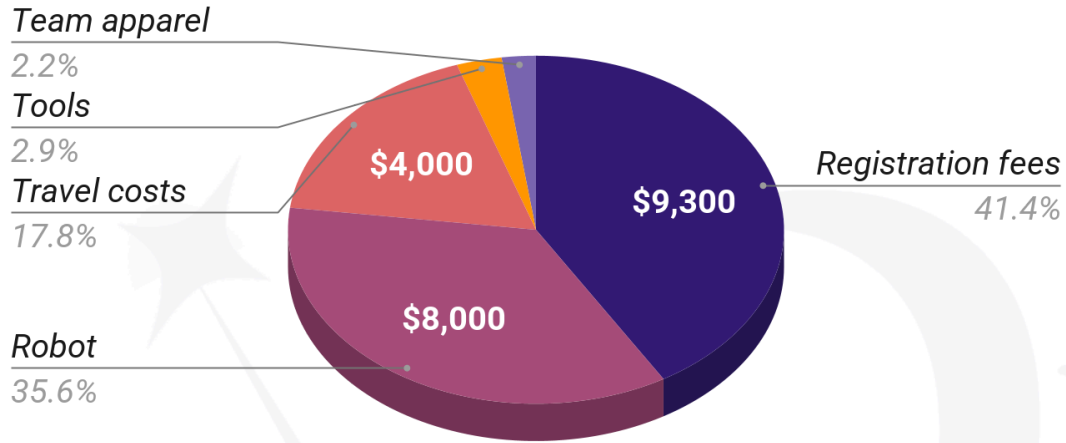
Team Goals

Our goals for the 2025-2026 season include:

- Regional Finalist Award
- Regional Awards: Excellence in Engineering or Rising All-Star
- Fundraising at least $20,000 by March 2026
- All new students learn and apply at least two new soft skills and two new technical skills by the end of the build season.
  - Soft skills include public speaking, leadership, organizing fundraisers, and working on a team
  - Technical skills include writing code for the robot, designing the robot in a CAD program, and manufacturing the needed parts for the robot
- Run STEM workshops for elementary & middle school students

Expenses Breakdown

Team apparel
2.2%

Tools
2.9%

Travel costs
17.8%

Robot
35.6%

$4,000

$8,000

$9,300

Registration fees
41.4%

Monetary sponsorship equivalents

Expense	Equivalent (approx.)
Robot Drivebase (Swerve)	$3,500
Cost of travel for one regional	$2,000
Drive Team Laptop	$800
One motor (Kraken x60)	$220
One motor controller (SparkMAX)	$90

How you can help

Financial contributions

Financial contributions are vital to allow the team to operate. We aim to fundraise at least $20,000 by Week 2 of the FRC season (mid-March), and we need financial donations from sponsors to get there! As a student-led community team, Pyxis is primarily supported through donors and sponsors. Sponsors like you enable us to sustain our team and execute its mission. Thank you!

In-kind donations

FRC teams require a wide variety of resources! Any service or items that fills a need of our team is deeply appreciated. Examples include:

- donating tools, electronic components, fasteners, or material stock
- machining/anodization services
- providing transportation, lodging, meals for competitions
- printing team shirts or brochures

Sponsor Benefits

Meteor Tier $100-$499
- ★ *Social media promotion*
- ★ *Name/logo on team website*

Planet Tier $500-$999
- ★ *Meteor Tier benefits, plus*
- ★ *Small name/logo on robot*

Polaris Tier $1000-$4,999
- ★ *Planet Tier benefits, plus*
- ★ *Small name/logo on team shirt*
- ★ *Medium name/logo on robot*

Galaxy Tier ≥$5,000
- ★ *Star Tier benefits, plus*
- ★ *Large name/logo on team shirt*
- ★ *Large name/logo on robot*

Please refer to the QR code for details on how to sponsor!