

Eagle Robotics

Sponsorship Packet

2024-2025 BEST and FIRST Competition Seasons



Mission Statement

We spread the message of STEAM through competitive robotics. As a positive, equitable and real solution, we encourage future STEM leaders to learn, grow, and soar to new heights through hands-on, real-life experiences.

FRC Team 5417

Business Summary

Executive Summary

FRC Team 5417 was established on September 1st, 2014, as an extension of the newly formed robotics classes and club at Allen High School in Allen, TX. Initially known as A-Team Robotics, our team began with 15 students, including only one female student. We have now grown to support more than 200 students a year on A BEST Robotics Team, four FIRST Tech Challenge teams and two FRC Teams, with 39% of these students being female.

Allen ISD Teachers Greg Burnham, Graham Gadd, Julie Kiel, Jane Liva, and Stephanie Burnham have partnered with professional mentors Nathan Huntoon, Darrell Ray, Charles Logston, Audrey Bartlett, Asheesh Bhardwaj, Carter Laws, Emma Spresney, Shelby Ryan, and others to guide Allen ISD high school students through problem-solving real-life problems to grow 21st century skills.

Eagle Robotics trains tomorrow's STEM leaders with the skills needed to design and build competitive robotics solutions while building technical and professional skills. Our team has been working with elementary aged kids in our community and special needs students in our district since 2016. In 2021, we took FIRST Access Robotics (a Unified Sport) to the Texas Cup and started a robotics initiative called Eaglets to inspire younger, elementary-school students to pursue STEM. We present at international and local conferences, host speakers and local business councils, hold open houses for Allen ISD students, and continue to create brand awareness through outreach events. We have alumni who have graduated from Cornell, Purdue, Embry-Riddle and the University of Texas at Austin, Dallas and Arlington; additionally, many former members are currently attending those and other prestigious universities. Former Eagle Robotics students now work at Boeing, Texas Instruments, Lockheed Martin, Pratt and Whitney, Space X and more.

Eagle Robotics receives funding through grants, sponsorships, and fundraisers. We maintain a sufficient outreach program to help foster interest in STEM in younger students that stay with them after they graduate.

Team Impact / Outreach

Eagle Robotics participates in community outreach events to positively impact our community, engage younger students in STEM and robotics and spread FIRST awareness. As a team, we work year-round within the community to promote robotics inside and outside of the classroom through robot demonstrations and presentations. We advocate STEAM with Allen Arts Alliance festivals and in-district elementary and middle school STEAM nights. By hosting FIRST Lego League and FIRST Tech Challenge Qualifying Events, we demonstrate the educational value of competitive robotics and STEM. Eagle Robotics also makes STEM inclusive for everyone through Special Olympics UNIFIED robotics, which offers STEM opportunities to intellectually disabled students. As partners, Eagle Robotics works side by side with them to accomplish engineering challenges to show them that they, too, can be future STEM leaders.

Allen ISD integrates our \$40 million STEAM Center into the K through 12 curricula, allowing us to share our solutions with over 21,000 students every year.

Team Structure

Our team operates as a partnership led by our Head Coach, Booster Club, and mentors. Our student leadership follows a functional structure dividing officers into specialized tasks. Our mentors align themselves with the specialized group that matches their skillset. The skills-based volunteering methodology allows our mentors to participate in ways they enjoy and helps us attract more mentors, including non-technical professionals.

The various sub-teams (Programming, Business, Build, etc.) change season to season and divide our tasks beneficially. By reviewing every sub-team's goal at the start of each meeting, we help address any potential roadblocks on our way to success. In addition, we hold elections for important positions and have instituted a hierarchical system to maximize efficiency and communication.

2024-25 Team Budget Being Developed

Blanks are grants or former donors we are applying for funding for the season

Detail	Estimated Amount
BEST Student Dues and Uniform Fee	\$2,175.00
Projected FRC Student Dues (\$200)	\$11,000.00
Projected FRC Student Travel Fees (\$280)	\$14,000.00
Allen Eagle Robotics 865 Roll over	\$3,000.00
Allen Eagle Robotics Booster Club	\$10,000.00
Allen ISD CTE	\$20,000.00
TI Grant and Volunteer Money	\$3,100.00
Gene HAAS Foundation	\$5,500.00
Off Season Travel Fees	\$2,165.00
NetScout	\$2,500.00
Okta	\$1,000.00
FIRST in Texas Grant/TWC	\$2,000.00
Tommy Terrific Car Wash	\$1,000.00
Twin Creeks Dentistry	\$500.00
Creekview Orthodontics	\$500.00
HEB	
Simulink Award	
Pickle Roofing	\$500.00
NTX Giving Day	\$7,909.00
State Farm	\$1,000.00
Parent Donations	\$1,451.00
TOTAL	\$89,300.00
Expenses	
Detail	Estimated Amount
FRC Off Season RRRRR Hotel	\$1,530.06
FRC Off Season RRRRR Bus	\$1,240.00
FRC Off Season RRRRR Yukon	\$250.00

BEST District Bus	\$800.00
BEST State Championship Bus	\$2,700.00
BEST Suburban Costs	\$250.00
FRC District Competition 1 Bus	\$4,950.00
FRC District Competition 1 Hotel	\$4,625.96
FRC State Championship Bus	\$6,600.00
FRC State Championship Hotel	\$6,533.46
FRC World Championships Bus	\$6,600.00
FRC World Championships Hotel	\$6,533.46
FRC Suburban Costs (including gas and parking)	\$800.00
Travel Subtotal	\$43,412.94
FRC Off Season Registration Fee	\$800.00
BEST Registration	\$600.00
FRC District Registration	\$12,000.00
FRC State Registration	\$8,000.00
FRC World Championships Registration	\$10,000.00
Registration Subtotal	\$31,400.00
BEST Materials and Supplies	\$1,000.00
Parts and Materials	\$14,000.00
Programming	\$2,200.00
Build Supplies Subtotal	\$17,200.00
BEST Spirit Materials	\$2,430.00
Eaglets Supplies	\$1,100.00
Marketing Materials	\$1,000.00
FLL Evans, Kerr and Marion	\$1,500.00
Strategy Team Expenses	\$500.00
Apparel	\$3,101.00
Outreach Subtotal	\$9,631.00
TOTAL	\$101,643.94
Fundraising Needed	12,343.94

Sponsor Benefits

Sponsorship Levels

All sponsorship levels receive a poster of the team with the current year's robot.

Impact - \$5,500 +

- Competitions: Your company acknowledged first
- Robot: Logo or Name of individual / business in extra-large font
- Team T-shirt: Top name or logo placement on back
- Banner: Logo or Name of individual / business in extra-large font
- Trailer: Logo or Name of individual / Listed in order of financial magnitude
- Website: Logo or Name of individual / business in extra-large font

Benefactor - \$3,000 - \$5,499

- Competitions: Your company acknowledged second
- Robot: Logo or Name of individual / business in large font
- Team T-shirt: Second level name or logo placement on back
- Banner: Logo or Name of individual / business in large font
- Trailer: Logo or Name of individual / Listed in order of financial magnitude
- Website: Logo or Name of individual / business in large font

Sponsor - \$1,500 - \$2,999

- Competitions: Your company acknowledged third
- Robot: Logo or Name of individual / business in medium font
- Team T-shirt: Third level name or logo placement on back
- Banner: Logo or Name of individual / business in medium font
- Trailer: Logo or Name of individual / Listed in order of financial magnitude
- Website: Logo or Name of individual / business in medium font

Patron - \$500 - \$1,499

- Robot: Name of individual / business in small font
- Team T-shirt: Name of individual / business in small font
- Banner: Name of individual / business in small font
- Website: Name of individual / business in small font

Donor – \$100 to \$499

- Website: Name of individual / business in small font

Team Contact Information

Internet Presence

Website: team5417.com

Team Email: team5417@gmail.com

Facebook: www.facebook.com/FRCTeam5417

X: @allenrobotics

Instagram: @eagle.robotics

Main Contacts

Lead Mentor: Greg Burnham

Title: Engineering Teacher

Email: gregory.burnham@allenisd.org

Cell Phone: 945.217.8631

Allen ISD STEAM Center: 469.675.2700

Allen Eagle Robotics

Booster Club

Email: alleneaglerobotics@gmail.com

Team Meeting Information

Location: Allen ISD STEAM Center, Room B136

Dates: Tuesdays, Thursdays, Saturdays

Times: Weekdays – 5:00-7:00 PM; Weekends – 10:00 AM -2:00 PM

Sponsorship Information

Our team's yearly budget is subdivided into four sections including - transportation, registration, build supplies, and outreach. Sponsors select specific categories to provide funding for whichever category fits their mission the best. Sponsors may indicate their choice on the sponsorship commitment form. We are currently seeking all levels of sponsors to invest in our future together.

Donations are tax deductible; please contact the Booster Club for more information. We understand that some donations can only be made out to the school club directly, in that case, **checks should be made payable to AHS Eagle Robotics.**

For donations to the booster club (a 509(a)2 organization), checks should be made payable to **Allen Eagle Robotics, EIN 81 – 5184772.**

Mailing Address

STEAM Center

ATTN: Allen Eagle Robotics

1680 Ridgeview Drive

Allen, TX 75013