



JOIN US IN ADVANCING STEAM EDUCATION IN OUR COMMUNITIES

Our robotics program provides high school students with the unique opportunity to explore science, technology, engineering, art, and math in a state-of-the-art global research and development manufacturing facility under the guidance of dedicated mentors who are accomplished professionals in their respective fields.

We proudly offer a zero-cost program to our students and their families in an effort to provide equal opportunity to access the advanced STEAM education we are able to offer.

Building on this foundation, our students take part in the FIRST Robotics Competition, where they work as a team to design, build, and compete with full-scale industrial-style robots. These machines are far from the small tabletop robots many people imagine. They measure about 3 feet by 3 feet, can stand up to 4 feet tall, weigh as much as 125 pounds, and can reach speeds between 10 and 20 miles per hour.

Each year, students are challenged to create a brand new robot in only eight weeks. During this fast-paced season, our team meets roughly 16 to 18 hours each week from January through April. All mentor support is fully volunteer, and their dedication ensures students gain real engineering experience as they build, test, and refine their designs. The team also travels to 2 to 4 regional competitions annually, giving students the chance to compete, collaborate, and grow within the broader STEAM community.

FUNDING NEEDS

Robot Components (Drive-Train)	\$2000	x1
Robot Components (Lift Motors)	\$2000	x1
Robot Components (Vision/AI)	\$1000	x1
Travel Expenses	\$1000	x2
Team-Branded Apparel	\$500	x3
Safety and PPE	\$500	x2
Meals	\$250	x5

* monetary donations of any amount are also gratefully accepted

If you are interested in sponsoring our team please contact:

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