

## Who we are

ChainLynx Robotics is a student-led FIRST Robotics Competition team, based at Lincoln High School in Seattle, WA. Our team was established in 2019, and our first year competing in FRC was 2020. In the 2021 season we won Rookie Design Award for the Game Design Challenge, and received an honorable mention in the Digital Animation Award sponsored by AutomationDirect.com. In our 2022 season at our first event we won the Gracious Professionalism award, and we were picked for the 3rd alliance. At our second event we won the Entrepreneurship award and captained the 8th alliance which gave us enough points to qualify for district championships. In the 2022 offseason we competed at Washington girls generation where we were the first pick of the eighth alliance.

## How to Contribute

Checks should be made payable to "Lincoln High School", with memo "ChainLynx Robotics" and sent to 4400 Interlake Ave N, Seattle, WA 98103. Seattle Public Schools Tax ID is 91-6001541 ([Seattle Public Schools Tax Status Letter](#)). You can donate online at [Donate Now | FIRST Washington](#) by selecting the 'dedicate this gift' option and entering ChainLynx 8248. We also accept material donations and mentor support. If you have any questions please email [business@chainlynx8248.com](mailto:business@chainlynx8248.com) or call us at (206)-899-7269.

## Sponsorship Levels

Level	Money amount:	Details
Level Four Sponsor	\$5000+ or equivalent	<ul style="list-style-type: none"><li>-Title level sponsor (your name is announced after our team name)</li><li>-Large logo &amp; name on robot, website, and banner</li><li>-Large logo on team t-shirts.</li><li>-Team shirts (6)</li><li>-Personalized plaque &amp; note</li></ul>
Level Three Sponsor	\$2500 - \$4999 or equivalent	<ul style="list-style-type: none"><li>-Medium logo &amp; name on robot, website, and banner</li><li>-Small logo on team t-shirts</li><li>-Team shirts (3)</li><li>-Personalized plaque &amp; note</li></ul>
Level Two Sponsor	\$500 - \$2499 or equivalent	<ul style="list-style-type: none"><li>-Small logo &amp; name on robot, website, and banner</li><li>-Team shirts (2)</li><li>-Personalized thank you note</li></ul>

Level One Sponsor	\$100 - \$499 or equivalent	-Small logo on banner & website -Personalized thank you note
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### **What *FIRST* is**

The *FIRST* Robotics Competition (FRC) is an international high school robotics competition. Each year teams of high school students, coaches and mentors work together over a six-week period to build a robot to compete in that year's game. Robots complete tasks such as shooting and placing objects, hanging on bars, and balancing on beams. The *FIRST* Robotics Competition has a unique culture that is built around two values: "Gracious Professionalism" and "Coopertition". Gracious Professionalism embraces the competition inherent in the program, but rejects unsportsmanlike conduct. Instead, the competition embraces empathy and respect for others. Coopertition emphasizes that teams can cooperate and compete at the same time, while furthering the program's goal to inspire students to be science and technology leaders.

### **Students Will**

Receive hands-on learning that furthers their communication and constructive abilities. Through building a robot, members are able to further hone their skills and foster new interests in science, technology, and engineering fields. Our team has flexible members, willing to seek out new challenges that can help further their existing understanding of how a team funds itself.

### **Team Organization**

- 53 total student members
- 7 team leadership positions, which control how the team operates and head the different team divisions.
- 7 mentors, who teach and assist members in the program and use past experience to improve the team.
- 2 coaches that ensure a safe workspace for students and a smoothly run team

## Where Your Money Goes

There are many costs associated with running a FIRST® team. Below is a list of specific items the team is fundraising money for. These are in addition to the general costs associated with running the team.

Items	Estimated Cost
Travel Costs	\$20,000
Competition Fees	\$13,000
Tools/Machine Supplies	\$11,000
Robot Parts	\$10,000
Spare Parts	\$2,500
Branding Supplies	\$2500
Technology	\$1,500
Competition Supplies	\$1000

## What impact your money will have

- \$500 will give the necessary funding to provide a student with the tools needed to design code and construct a robot from the ground up.
- \$1000 would subsidize the teams' purchase of a welder and its associated components, which will give students industrial experience and and increase build quality of robots made by the team
- \$4000 would allow us to purchase CNC equipment, which will give students the knowledge of how to rapidly prototype and machine parts, along with knowledge and skills required in today's workforce.

## Mentor Opportunities

Outside of money, every team needs a base of knowledge to draw on to be successful. Currently we are looking for mentors in the fields listed below, if any of your employees would be interested in mentoring, please have them send an email to [officers@chainlynx8248.com](mailto:officers@chainlynx8248.com).

Mentor Type	Description
Business	Teach students how to apply for grants, sponsorships, and awards and aid them in their endeavours in this area. Also helps students run fundraisers and outreach events.
Public Speaking	Teach students the basics of public speaking, in particular how to speak effectively and clearly to potential judges and sponsors.
Programming	Help students learn and excel at using Java to program FRC robots.
Graphic Design	Teach students the basics of graphic design and aid them in their creation and refinement of team branding materials.
CAD	Help students learn and excel at using Computer Aided Design techniques to design FRC robots.
Mechanical	Help teach students how to fabricate parts, and helps students to build the robot