



# Team PyroTech WORLDS Donation

**FIRST Robotics Team #3459**



**Team PyroTech** is a community-based *FIRST* Robotics team with high school students from private, public, charter, and homeschools. We are a part of The Forge Initiative, a 501(c)(3) non-profit, open innovation tech space – a space where people come together to form a community of over 162+ families to create their own journey of innovation, collaboration, creativity and learning, using traditional and cutting edge technologies. This year, we have a diverse team of 19 students with 47% men, 47% women, and 6% nonbinary, as well as several students who identify as part of the LGBTQ+ community. The team's competition goal is to build a 120 lb robot to compete in a 3-on-3 game with teams from around the world. During a 10 week build season, the students work alongside mentors, who are professionals from several local companies. Students learn about design, prototyping, electronics, programming, marketing, graphic design, and much more.

## What do we do?

Our robot is a tool for us to learn many skills. It's also a tool to inspire others to get involved with science, technology, engineering, art, and math (STEAM). During the non-competitive season, we hold camps on how to design, build, and program robots; we host scrimmages so that students on other robotics teams can see what competition is like and figure things out before they compete. We also go to local libraries and schools and show people in the community things like 3D printers, how to make carrots into chimes using MaKey MaKey, and introduce them to Ken the Humanoid Robot (in partnership with IEEE). While during COVID-19, we kept our team and community strong by hosting virtual camps and workshops. As a team, we have interacted with 46,000+ people since 2010. We love sharing what we have learned with others!

## What do we need?

Winning our District Championship event has qualified us to go to Houston, Texas for the Worlds Competition on April 20-23. Your sponsorship will help our students and robot to travel to compete.

For more information or to use a different form of payment, please contact us at:  
[pyrotech@theforgeinitiative.org](mailto:pyrotech@theforgeinitiative.org)

## Thank you for your support!



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