



FORGE

9404

9404 FORGE



***FIRST* Team 9404, FORGE, was newly founded in the fall of 2023 by two young ladies with a passion for robotics and for sharing STEM knowledge. Our journey started when our founders came together in one of their garages to bring robotics to the Pembroke Pines community as the only community based team in Broward County, Florida. The current team is comprised of 8 students from 6 different schools. Aside from being founded by two young ladies. Combined we have done nearly 300 hours of outreach through various FTC and FLL events we have volunteered at through the season!**



FTC AND FLL VOLUNTEERING

As a team we have nearly 400 hours of outreach! We volunteered at every FTC event this season in our league as well as we have helped judge and assist both FLL and FTC teams.



Nearly 400 outreach hours and an average of 40 hours per person!

MAKER'S FAIRE

Represent *FIRST* 2 Maker's Faire in Miami where we were able to explain what *FIRST* is and the different programs. As well as demonstrate with an FTC and FRC robot.



KICKOFF

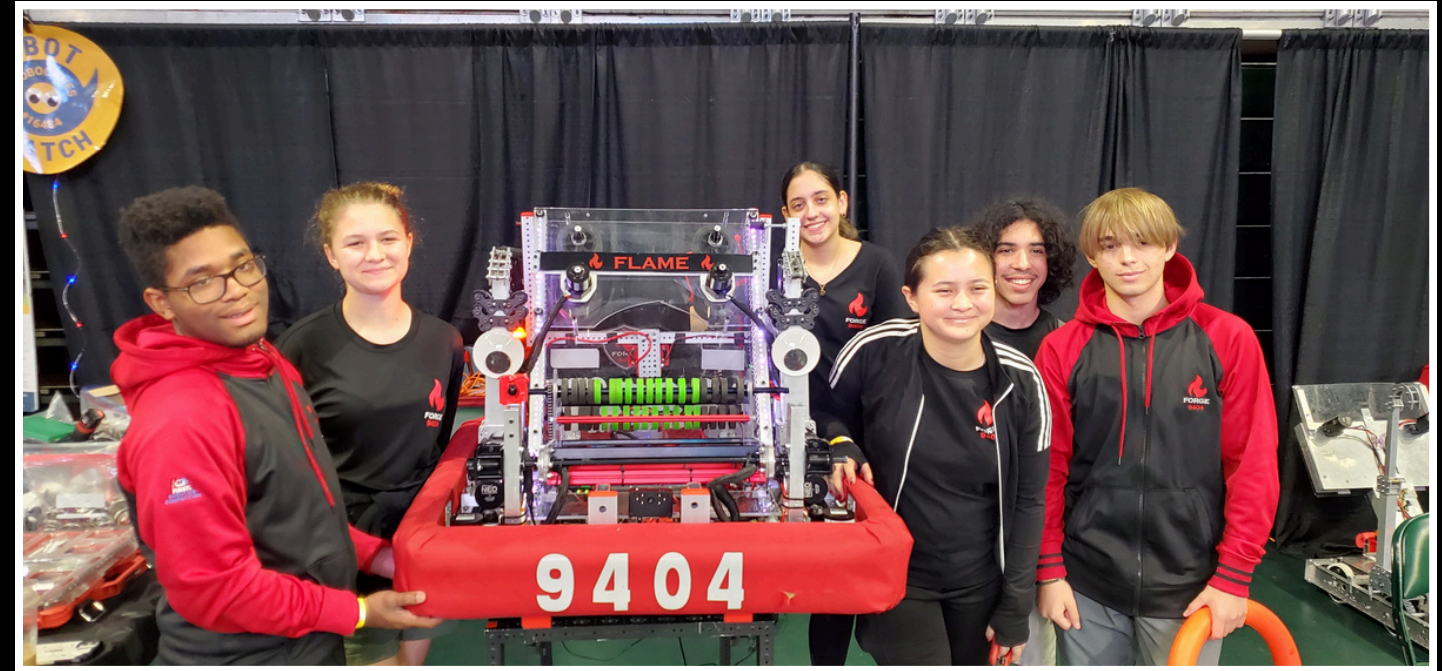
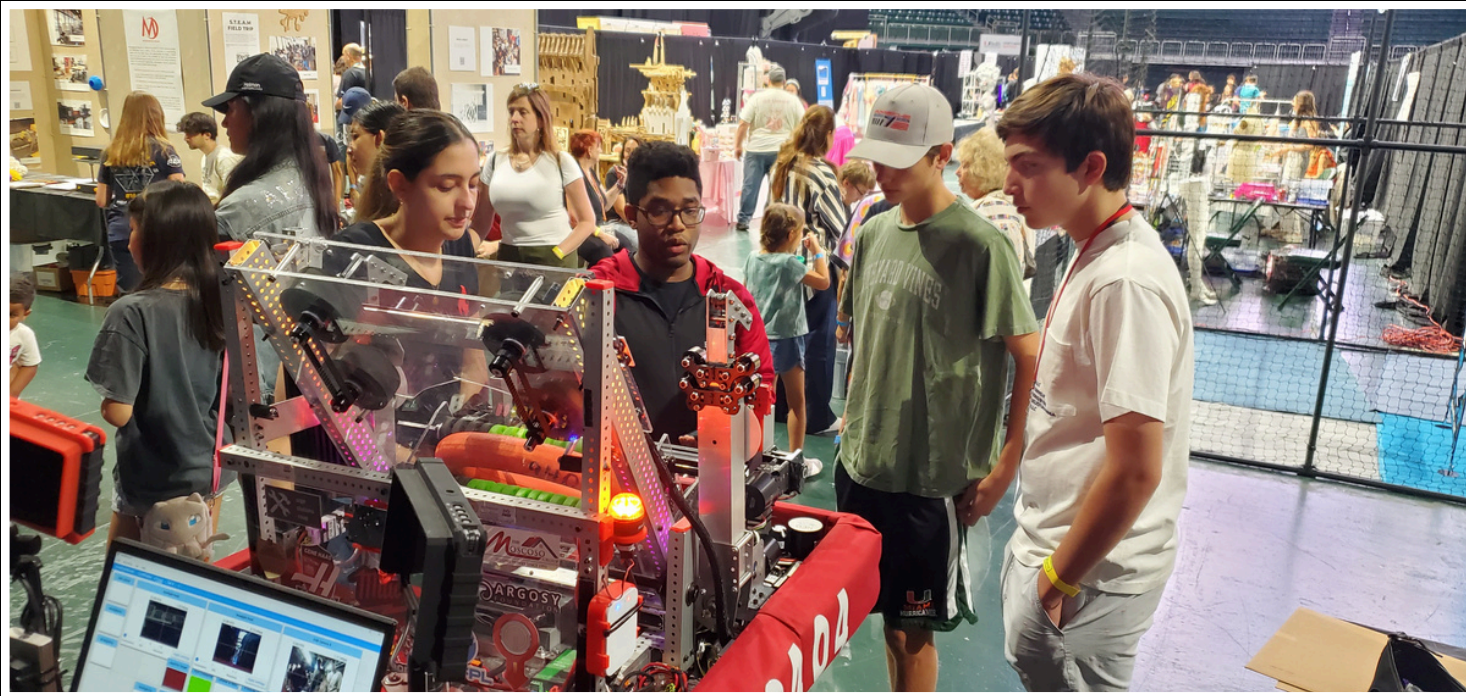
Prior to the beginning of the season we attended the FRC Crescendo kickoff release recording where our co-captain, Kristen asked Dean Kamen a question.





MIAMI MAKERS FAIRE

This past weekend we volunteered at the Miami Maker's Faire where we were able to explain our robot and teach people about what FIRST has to offer. We were also able to talk to other FTC students and other interested students to either join an existing FRC team or creating a new one in the future.



HELPING OUT EVERGLADES MIDDLE SCHOOL

At one of the FTC events we volunteered at one of our team members, Aiden noticed his former FTC team that needed assistance with their robot. We then started coming a couple times a week to assist them with any issues they encountered throughout the week.



TEARING DOWN THE FIELD/SAFETY GLASSES TABLE HELP

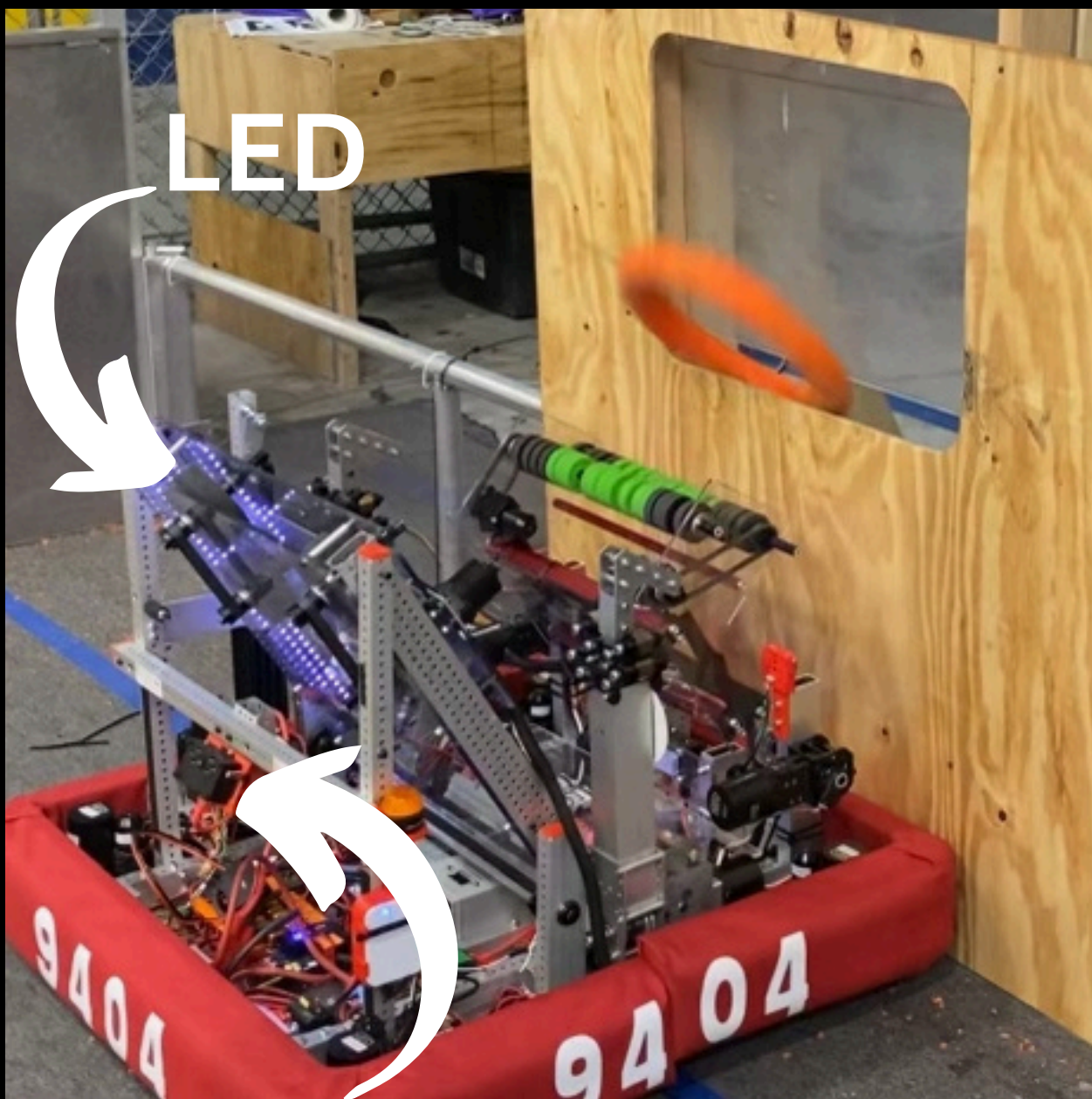
We also had some team members who volunteered at the safety glasses table as they needed a few volunteers. In addition, at the end of the competition at the Tallahassee regional we helped to tear down the field and were able to assist the volunteers with anything they needed.



FLAME

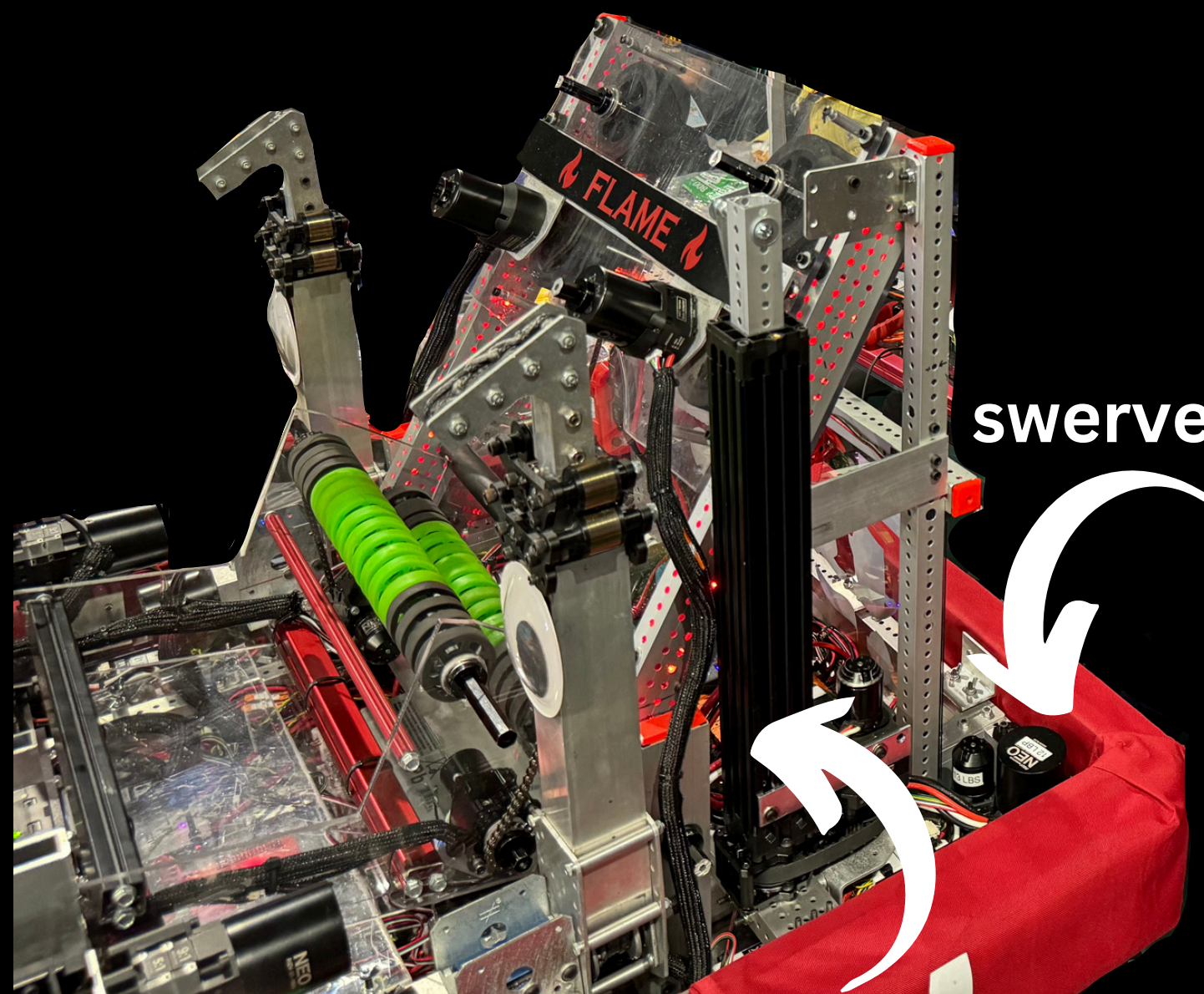


FORGE
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LED

limelight

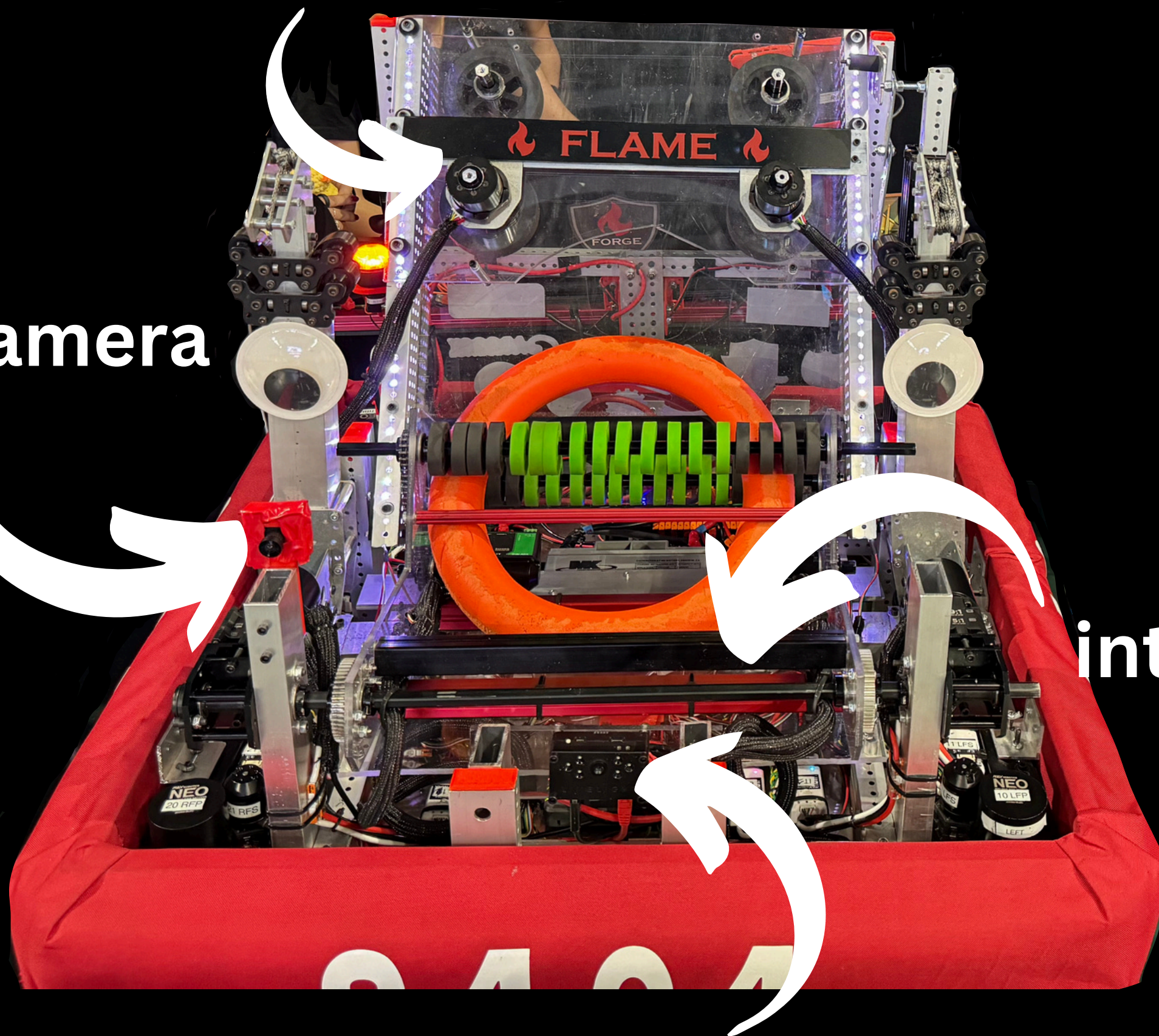


swerve module

linear actuator

vortex motors

fisheye camera



intake

Limelight with Google Coral

BUSINESS

Sponsorship Package/ Benefits	Chisel	Hammer	Anvil	Welder	Blacksmith	Forge Guild
Website Mention	✓	✓	✓	✓	✓	✓
Social Media		✓	✓	✓	✓	✓
T-Shirt (Small)		✓	✓	✓	✓	✓
T-Shirt (Medium)			✓	✓	✓	✓
T-Shirt (Large)				✓	✓	✓
Logo on Robot				✓	✓	✓
Robot Demonstration					✓	✓
Thank you, Video/ Robotics Room Tour						✓

Milwaukee®



FPL



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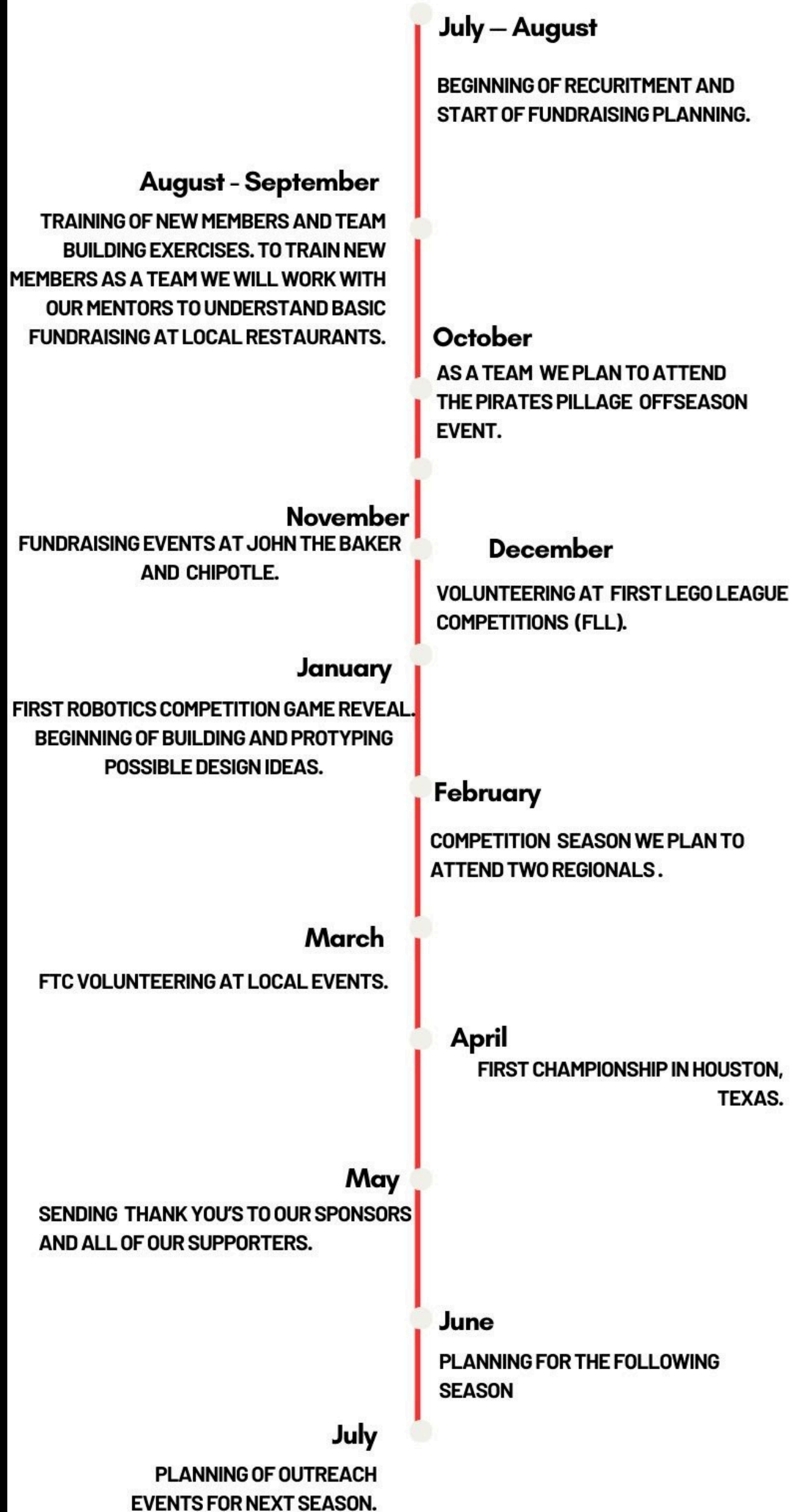


Team Budget

Income	Cost
Projected Sponsor Donations	25,000
Team Fundraisers	6,000
Student Fees	5,000
Projected In Kind Support	6,000.00
Total Income Projection	42,000.00
Expenditure	Cost
Competition Registration Fees	
FIRST Regionals and District (2 Events and Kit of parts)	9,000
Off-Season FIRST Events	1,000
Robots, Practice Field Parts, and Tools	
Drive train parts	7,000
Aluminum and Steel	
Pneumatics	
Electrical	
Tools for building	
Team Spirit, Marketing and Business Operations	
Team Shirts with sponsor logo and team name	1,500
Sponsor Logo stickers	
Spirit Team Materials	
Event Transportation and Lodging	16,000
Bus	
Meals	
Hotel	
Insurance	1,700
Total Projected Cost:	36,200.00



FORGE 2023-2024 SEASON OVERVIEW



EST. 2023



Pembroke Pines, FL
**“Forging our path to
success.”**

FORGE # 9404

Twitter: @Forge9404
Instagram: @fcforge9404



DEAR SIR OR MADAM,

We are a new community based competitive high school robotics team from Pembroke Pines and participate in the worldwide robotics organization called FIRST, which stands for: For Inspiration and Recognition of Science and Technology. (<https://www.firstinspires.org>). More specifically we participate in the division called the FIRST Robotics Competition (FRC) which is the premier high school STEM based robotics program that empowers students from all backgrounds to engage in engineering challenges while developing real world skills.

Our team would greatly appreciate it if you would consider assisting us financially as we take on this challenge. Your generosity can assist us with the purchase of robot components, build materials, tools, and travel, just to name a few. In exchange for your generosity, you are investing in your future local work force and helping open the world of engineering to others. Depending on your level of contribution we can help advertise your support for our youth on our shirts, robots, and via social media.

As an FRC team, we not only compete in several robotics tournaments, but also perform outreach in our community to help expose children and adults to the values of STEM education. One of our major goals is to spread STEM education throughout the South Florida Community at large, especially as a community-based team with connections to all different parts of our county. Additionally, we look to focus outreach efforts on helping to expose underserved communities in STEM in our area.

We hope this small overview gives you a sense of this amazing program that you can help support. Please note that every little bit helps and is appreciated.

If you have further questions, feel free to reach out to us via email forge9404@gmail.com. Thank you for your time and consideration.

Sincerely,

FORGE Team # 9404

Sponsorship Package/ Benefits	Chief	Hammer	And	Welder	Blacksmith	Forge Guild
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