



RoboForce

2023 Sponsor Packet



# About



## The Team

Team 484: Roboforce is Haverford High School's official FIRST<sup>®</sup> robotics team. We give team members the chance to pursue their passion in STEM by providing real world experiences in all facets of the engineering process from designing/prototyping to building/manufacturing and ultimately to improving/competing. We also perform outreach in our local community and schools to inspire people of all ages to be excited about STEM.

## **FIRST<sup>®</sup>**

*Founded in 1989, For Inspiration and Recognition of Science and Technology (FIRST) is a global non-profit organization that offers inclusive, team-based robotics programs for ages 4-18. Supported by volunteers, educators, and sponsors, teams adhere to FIRST Core Values while conducting research, fundraising, designing, building, and showcasing their achievements in annual challenges. [www.firstinspires.org]*

## Our History

1999 - Founded

2000 - Won Rookie All-Star Award

2011 - Built "Henry": Our beloved robotic Ford mascot (Mas"bot")

2014 - Competed at World Championships!

2014 - "Lego Club" Established

2020 - COVID Hiatus

2022 - Re-established

2023 - Won our 1st event!

2023 - Competed at World Championships again!



# Our Impact

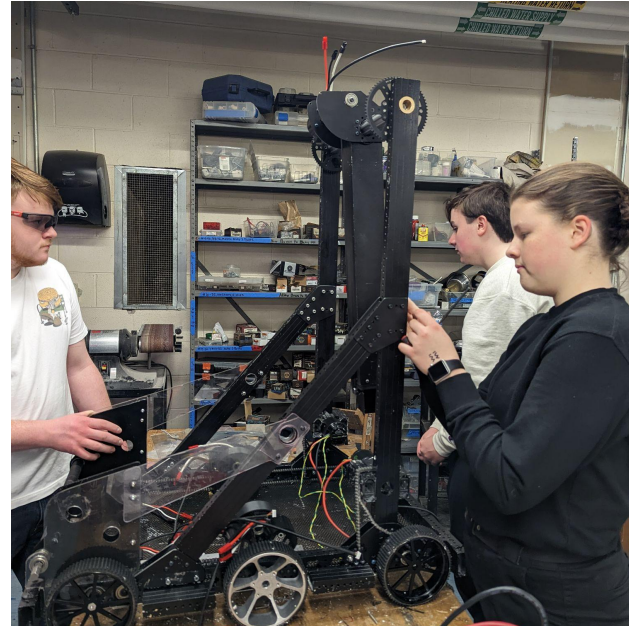


## Technical Skills

- Designing and prototyping
- Graphic design
- Manufacturing
- Electrical engineering
- Computer programming

## Professional skills:

- Problem solving and troubleshooting
- Teamwork and team building
- Teaching and public speaking
- Leadership and mentorship



## Accomplishments in 2023

- Winners at the Mount Olive, NJ Qualifier
- Industrial Design Award at the Bensalem, PA Qualifier
- Finalists at the Mid-Atlantic District Championship
- Competed at the World Championships

## Outreach in 2023

- 1 FTC team started
- 2 FRC events volunteered at
- 3 Robot Demos at community festivals
- 4 Robot Demos at local Elementary schools
- Countless Mas"bot" Demos at sporting events





# Team Needs



Category	Description	Cost
Registration Fees	Season Registration	\$6000
	District Championship	\$4000
	Off-Season Events (x3)	\$1000
Robot Expenses	Raw Material (Aluminum, Wood, Plastic and metal sheets)	\$2000
	Electronics (Power & Control, Motors)	\$3500
	Drive Base	\$3000
	Hardware (Nuts, Bolts, Collars)	\$1000
Miscellaneous	Tools & Equipment	\$2000
	Team apparel & banners	\$500
	Transportation & Lodging	\$1000
<b>Total Cost</b>		<b>~\$24,000</b>

In addition to monetary donations, we also welcome in-kind donations of snacks & drinks, hardware, plywood, plastic sheets, metal tubing & sheets, and tools



# Sponsor Benefits



## **Recognition (\$100-\$499)**

- A thank you note for your support
- Company/Individual's name on our team website and shirt\*

## **Bronze (\$500-\$999)**

- All benefits of recognition plus...
- Company logo on our competition robot
- Photograph of our competition team and robot

## **Silver (\$1000-\$2499)**

- All benefits of bronze plus...
- Company logo displayed on our banner at competitions\*

## **Gold (\$2500-\$4999)**

- All benefits of silver plus...
- Company name announced alongside our team name at competitions

## **Platinum (\$5000+)**

- All benefits of gold plus...
- End of season demonstration (local businesses)

**\*Deadline for inclusion on shirt or banner is January 15th, 2024**

### **“Where Students Engineer”**

Your donation, no matter how big or small, will help us achieve our goal of inspiring students to pursue STEM and building the next generation of engineers one robot at a time.



# Team 484: Roboforce Sponsorship Form

EIN. #92-1810573



Business Name: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ Email: \_\_\_\_\_

Business Website: \_\_\_\_\_

Donation Amount: \$ \_\_\_\_\_

Material Donation (if applicable): \_\_\_\_\_

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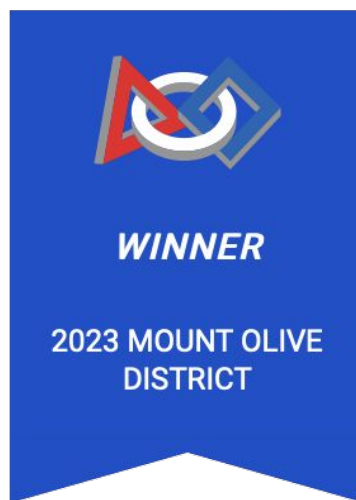
Checks should be made payable to: "Haverford Robotics Booster Club"

Mailing Address: Haverford Robotics Booster Club  
C/O Gianine Breslin  
32 Sycamore Road  
Havertown, PA, 19083

We are a 501(c)(3) organization. Donations may be tax deductible, please contact  
[hrbc@team484.org](mailto:hrbc@team484.org) for more information



# THANK YOU!



[team484.org](https://team484.org)



@frcteam484



team484roboforce

FOR ADDITIONAL INFORMATION PLEASE  
CONTACT [HRBC@TEAM484.ORG](mailto:HRBC@TEAM484.ORG)

