



**POWER HAWKS**  
◆ **ROBOTICS** ◆

*2024-2025*

*Sponsorship Packet*

# Just follow these steps to get started...

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# Step 1: Learn About Our Team

2025

Abigail Paepcke, Chief Executive Officer, FRC

Ronny Ashley, Head Mentor, FRC

Sara Chen, Teacher Advisor

Dear Prospective Sponsor,

The Power Hawks Robotics Team is an organization of high school aged students dedicated to spreading STEM (Science, Technology, Engineering, and Math) values. We are part of *FIRST*® (For Inspiration and Recognition of Science and Technology), an international organization whose goal is to promote an interest in engineering and technology in students. Within this program, the Power Hawks participate in robotics competitions, supporting our mission of equipping the next generation with the necessary skills to improve the world through competitive robotics.

In addition to building robots, the Power Hawks run a strong business team within our organization. We strive to have something for everyone, so we support a wide variety of skills across multiple areas and grade levels. Our team initiated the creation of five *FIRST* Robotics Competition teams, three *FIRST* Tech Challenge teams, nine *FIRST* Lego League teams, and 15 *FIRST* Lego League Jr. teams over our 20 years of being registered with *FIRST*. We also support teams throughout the district with regular mentoring, and by running the South County Showdown, an annual FLL qualifier.

The Power Hawks have hosted annual robotics summer camps and continuously strive to spread STEM education throughout the community. We achieve this through the use of our Soaring Engineers program—a set of hands-on lesson plans that teach young students STEM principles—which we run at all our outreach events. We are constantly looking to expand upon these programs and the extent of their impact. We especially endeavor to increase female, special needs, and LGBTQ+ involvement throughout *FIRST*, promoting equal representation in STEM and robotics.

The Power Hawks are only able to support these teams and ourselves with the support of our dedicated sponsors and mentors. Due to capital and material costs, our team spends over \$35,000 a year to design, build, and field competitive robots, as well as run our outreach events. 24 Power Hawks, along with the students whose lives they impact, rely on the support that you can provide through materials, mentoring, or financial assistance.

Please contact us at [sponsorship@powerhawks.org](mailto:sponsorship@powerhawks.org) if you are interested in sponsoring our program or if you have any questions.

Best Regards,

*Abigail Paepcke*

## Team Mission

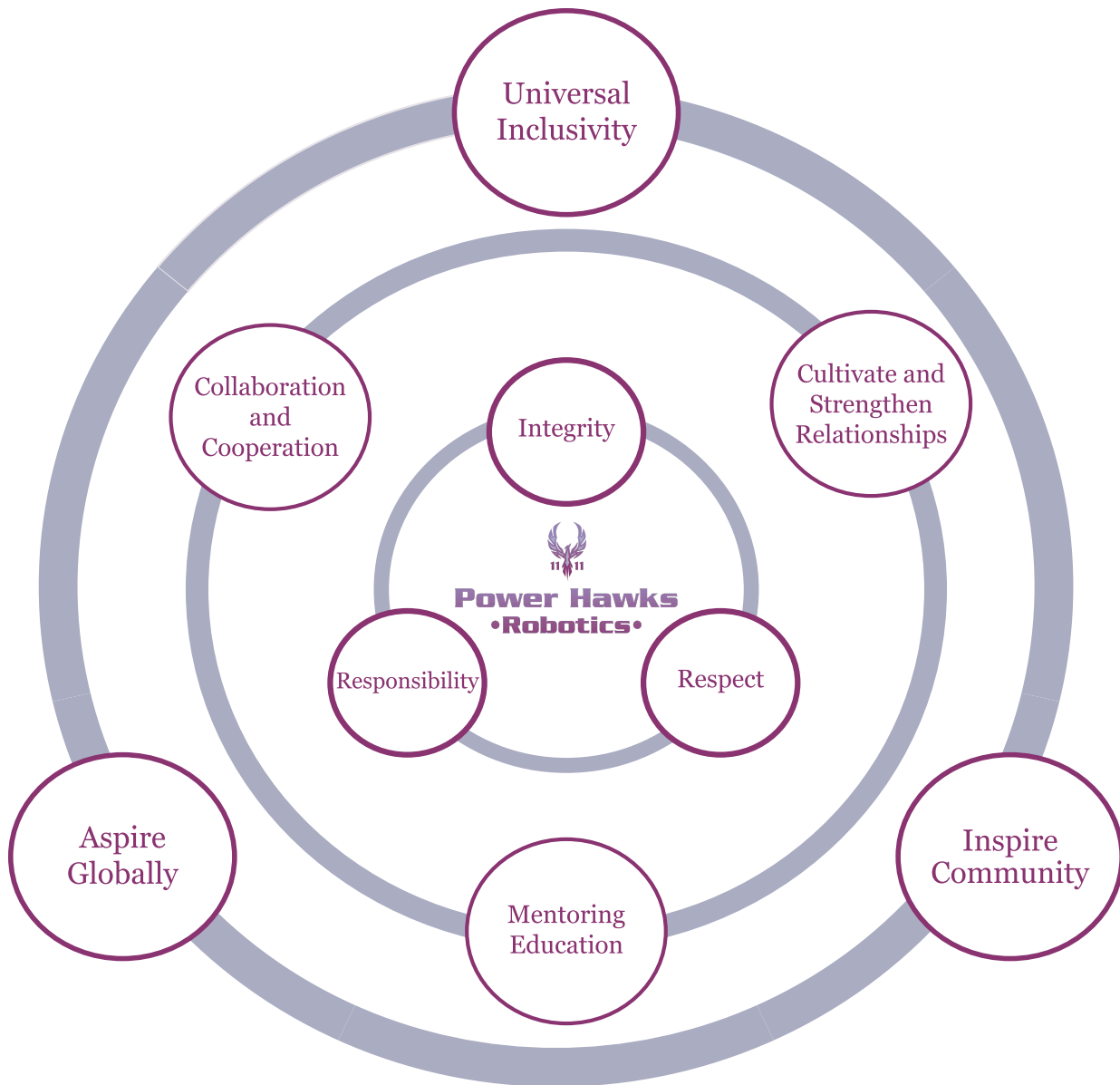
The Power Hawks' mission is to equip the next generation with the necessary skills to improve the world through competitive robotics.

## Team Vision

The Power Hawk's vision is for Maryland to be a state of forward thinking, global citizens.

## Team Principles

Our members strive to uphold the following codes of behavior and principles in all of our endeavors.

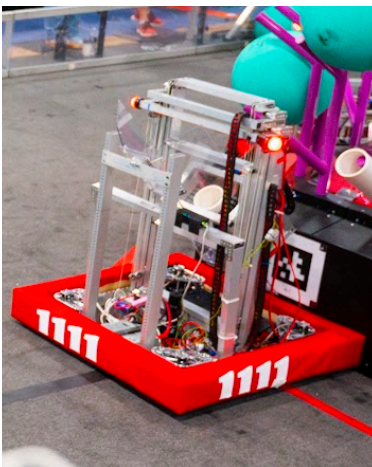


## FRC® (*FIRST*® Robotics Competition)



*FIRST*® Robotics Competition (FRC) is the ultimate sport for the mind. Our FRC team, the Power Hawks, students in grades 9-12 call participation in *FIRST*, “The hardest fun you’ll ever have.” Under strict rules, limited time and resources, students are challenged to raise funds, design a team brand, hone teamwork skills, and build and program industrial-size robots to play a difficult field game against like-minded competitors. It’s as close to real-world engineering as a student can get. Professional mentors volunteer their time and talents to guide the team. Each season ends with an exciting *FIRST* championship.

### Meet the Robot!



For the 2025 FRC game, Reefescape, the Power Hawks built our robot Osprey. This bot operates with a 3-stage elevator to place a piece of coral (PVC pipe) on all 4 levels of the reef (metal bar structure). Together, we create an alliance with 2 other robots to compete against the other side for who can get the most points through scoring game pieces and completing specific challenges like “coopertition®” and maneuvering to a set position during endgame.



We have appeared in the following news outlets...



## Demos and Community Events

- Annual Holiday Craft Fair
- Naptown Music Feast
- STEM National Advocacy Conference
- STEM Maryland Advocacy Conference
- Explore at NASA Goddard 60th Anniversary open house
- Apollo 50th Anniversary National Mall
- USA Science and Engineering Expo
- International Watch the Moon Night at the Goddard Space Flight Center
- Escape Velocity Expo
- Local Elementary School's STEM Nights and Expos
- *FIRST*® Robotics Competition Qualifier Event
- *FIRST* Lego League Qualification Event
- *FIRST* Lego League JR Expo
- Relay for Life

# Accomplishments and Awards

## **2025**

- Event Finalists at Pasadena CHS District Qualifier
- Engineering Inspiration award at Severn CHS District Qualifier

## **2024**

- Event Winners at Severn CHS District Qualifier
- Impact award at McDonogh CHS District Qualifier

## **2023**

- Imagery award at Bethesda CHS District Qualifier
- Spirit award at Timonium CHS District Qualifier

## **2022**

- Event Winners at CHS District Greater DC Event #1 Day #2
- District Chairman's Award at CHS District Greater DC Event #1 Day #2
- Event Winners at CHS District Greater DC Event #2 Day #2
- Autonomous Award sponsored by Ford at CHS District Greater DC Event #2 Day #2
- Attended *FIRST* Championship - Houston - Hopper Subdivision

## **2021**

- Engineering Inspiration Award at the Battle O' Baltimore

## **2020**

- Chairman's Award at the CHS District Haymarket VA Event

## **2019**

- Autonomous Award sponsored by Ford at the CHS District Bethesda MD Event sponsored by Bechtel
- District Chairman's Award at CHS District Owing Mills MD Event sponsored by LEIDOS
- Team Spirit Award sponsored by FCA Foundation at *FIRST* Chesapeake District Championship

## **2018**

- Team Spirit Award sponsored by FCA Foundation at CHS District Greater DC Event co-sponsored by Micron
- District Engineering Inspiration Award at CHS District Southern Maryland Event
- *FIRST* Chesapeake District Championship

## **2017**

- District Engineering Inspiration Award at CHS District Greater DC Event sponsored by Accenture
- District Chairman's Award and District Event Winner at CHS District Northern Maryland Event
- Team Spirit Award sponsored by FCA Foundation at *FIRST* Chesapeake District Championship sponsored by Booz Allen Hamilton
- *FIRST* Championship - St. Louis - Archimedes Subdivision



## What people are saying about our program



“*FIRST*® Robotics has changed my life by giving me the skills to lead, and the confidence to try things I never would have done before. I will see the results of my participation in *FIRST* for the rest of my life, and I’m grateful to everyone who has helped me in *FIRST*.”

- Clay N, FRC

“Power Hawks students teach me more than I teach them. Working with kids that are smarter and more talented than I am always makes me feel good.”

-Mr. John Edwards, Mentor





## Step 2: Choose Your Sponsorship Level

### Mentorship and Supplies

You can support our team through mentorship, material donations or financial sponsorship.

#### Copper Level (\$1-\$249)

- Letter of appreciation

#### Brass Level (\$250)

- Copper level +
- Logo on our website

#### Bronze Level (\$500)

- Brass level +
- Your company logo on our t-shirt
- Retail sponsors get a “Power Hawks Day”

#### Silver Level (\$1,000)

- Bronze level +
- Framed team photo
- Small logo on robot
- Small logo on our pit

#### Gold Level (\$5,000)

- Silver level +
- Your logo on our trailer
- Large logo on our robot
- Large logo on our pit



#### Titanium Level (\$10,000)

- Gold Level +
- Robot demo at your company function
- Plaque of appreciation

#### Platinum Level (\$25,000+)

- Titanium level +
- **Your company name becomes our official team name**
- You get one trophy for every award won at an official competition to display at your company

	Platinum	Titanium	Gold	Silver	Bronze	Brass	Copper
<b>Letter of appreciation</b>	✓	✓	✓	✓	✓	✓	✓
<b>Your company logo on website</b>	✓	✓	✓	✓	✓	✓	
<b>Your company logo on t-shirt</b>	✓	✓	✓	✓	✓		
<b>Team T-shirt</b>	✓	✓	✓	✓	✓		
<b>Small logo on robot and Pit</b>	✓	✓	✓	✓			
<b>Framed team photo</b>	✓	✓	✓	✓			
<b>Your company logo on our trailer</b>	✓	✓	✓				
<b>Large logo on robot and Pit</b>	✓	✓	✓				
<b>Plaque of Appreciation</b>	✓	✓					
<b>Robot demo at company function</b>	✓	✓					
<b>You get one trophy for every award won at an official competition</b>	✓						

# Step 3: Complete the Sponsorship form

We'd like to thank you for taking the time to read our sponsorship packet! If you have any questions or concerns, please feel free to contact us at [sponsorship@powerhawks.org](mailto:sponsorship@powerhawks.org).

If your organization would like to assist our team financially or otherwise, please detach this form from the sponsorship packet, fill in your information, and return it to:

**Power Hawks Robotics**  
**P.O. Box 1111**  
**Edgewater, MD 21037**

Company Name: \_\_\_\_\_

Company Phone Number: \_\_\_\_\_

Company Address: \_\_\_\_\_

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

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

Contact Phone Number: \_\_\_\_\_

Contact Email Address: \_\_\_\_\_

- My Organization would like to become a:
- Platinum Sponsor (\$25,000+)
  - Titanium Sponsor (\$10,000)
  - Gold Sponsor (\$5,000)
  - Silver Sponsor (\$1,000)
  - Bronze Sponsor (\$500)
  - Brass Sponsor (\$250)
  - Copper Sponsor (\$1-\$249)

- Our Company would also like to help by providing:
- A mentor for the team
  - Parts/Supplies
  - Other Services: \_\_\_\_\_

If providing parts/supplies or other, please specify:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please enclose and make checks payable to  
**Power Hawks Robotics**