



6032

# PIRATE ROBOTICS

FIRST Robotics Competition Team #6032



[wcrobotics.org](http://wcrobotics.org)

Attn: Pirate Robotics  
West Carrollton High School  
5833 Student St.  
West Carrollton, OH 45449

Candice Haffner, Principal  
Michael Neal, Adviser  
Emily McGuff, Adviser  
Sarah Reynolds, Adviser

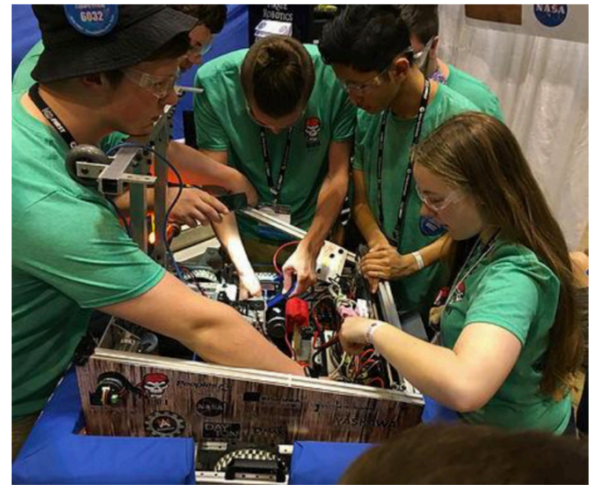
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[mneal@wcsd.k12.oh.us](mailto:mneal@wcsd.k12.oh.us)  
[emcguff@wcsd.k12.oh.us](mailto:emcguff@wcsd.k12.oh.us)  
[sreynolds@wcsd.k12.oh.us](mailto:sreynolds@wcsd.k12.oh.us)

## Dear Fellow Community Member,

Imagine a competition of ideas, imagination, robotics, business, and engineering that inspires our society's future leaders.

West Carrollton High School's robotics team (Pirate Robotics #6032) competes in the FIRST Robotics competition. FIRST teaches valuable skills needed in both business and engineering. Not only must the students design and build a robot, but they must also market the team, manage a budget, and invent strategies for competition.

Each year, our students design, build, and program a robot from scratch. Then, we compete against hundreds of teams from around the world at two or more multi-day competitions.



Pirate Robotics has qualified for the World Championships three of the past four years. We have also won the team spirit and rookie all-star awards, won 2018 Greater Pittsburgh Regional, and finished as finalists in the 2019 Miami Valley Regional.

We owe a tremendous thank-you to those in our community who sponsor our team and help make these incredible experiences a reality for our students. We depend on our community to help fund our team, volunteer as professional mentors, and donate workshop supplies. Every year, we reach out to our community to help us raise enough to meet our minimum budget of \$20,000.

Would you please consider sponsoring Pirate Robotics?

Inside this packet, you will find details about our budget and other needs for the upcoming 2019-2020 season. Even if you are unable to become a financial sponsor, please consider supporting us by volunteering as a mentor or making an in-kind donation.

We wish to thank you in advance for your consideration, and as always, Go Pirates!

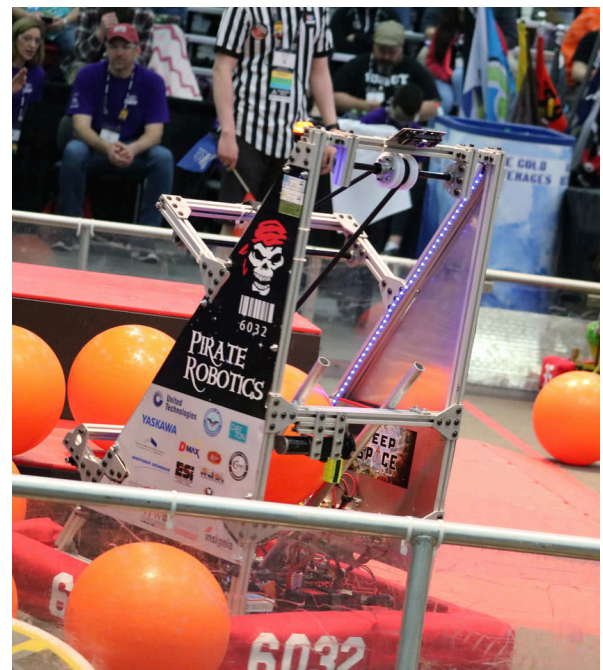
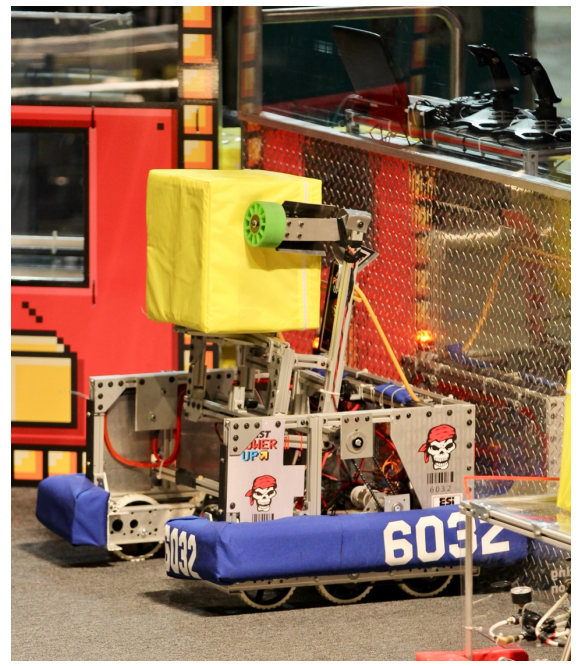
Sincerely,

Candice Haffner  
Principal  
West Carrollton High School

Michael Neal  
Adviser  
Pirate Robotics

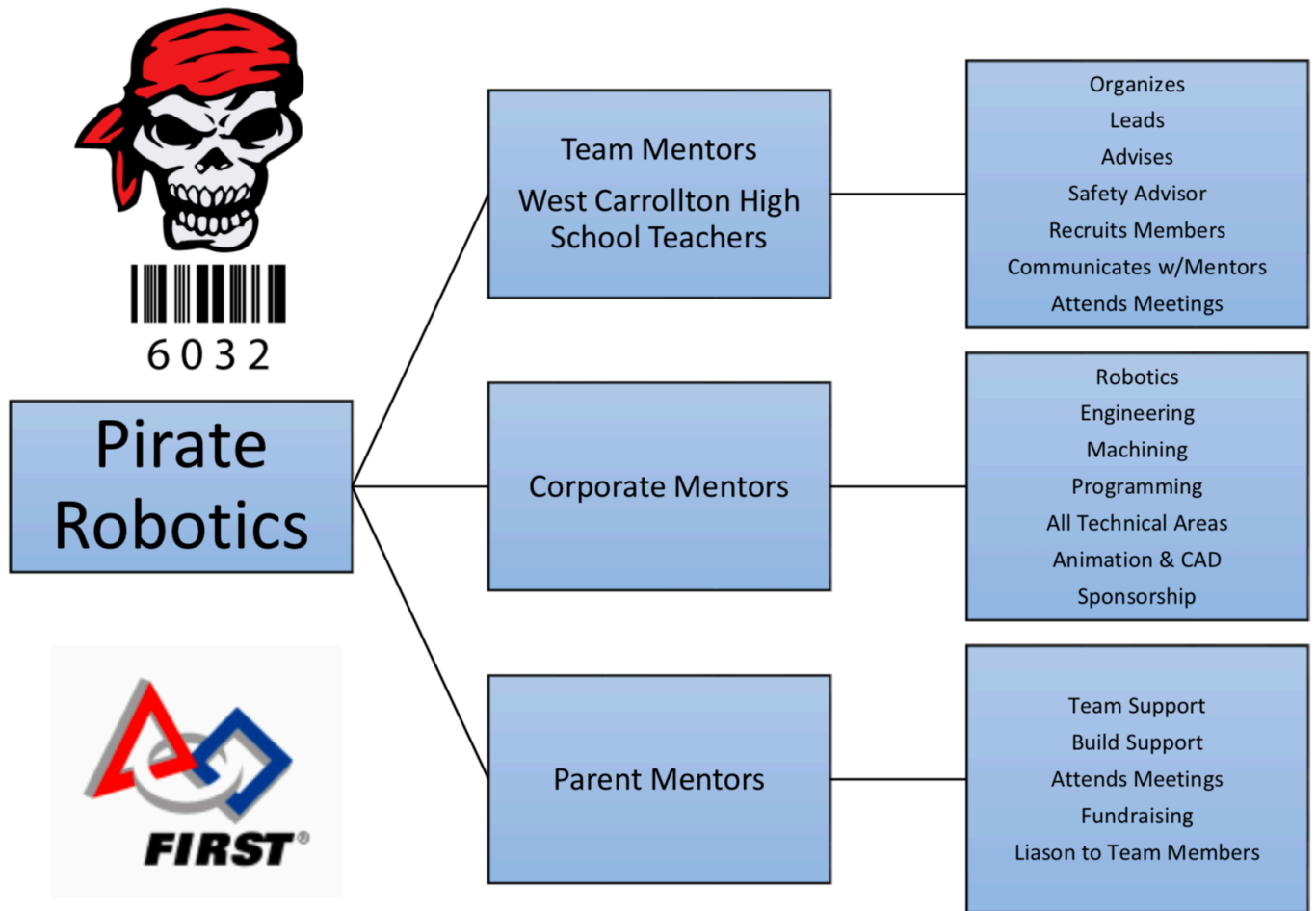
Emily McGuff  
Adviser  
Pirate Robotics







## Team Structure



**Professional Mentors** are critical to FIRST Robotics Competition (FRC) teams. Our students work side by side with engineers, programmers, marketing professionals, and more to learn the skills they need to make Pirate Robotics successful.

We are seeking professional mentors with expertise in the following areas for the **2019-2020** season:

### Engineering & Manufacturing

- Provide feedback during the design process
- Help our students prototype and build the robot in the workshop
- Commitment: at least 3 afternoons per week January 4 – February 18, 2020  
Ideally, come with us to competitions

### Programming

- Help our programming team use Java, C++, or LabVIEW to program the robot.
- Commitment: at least 3 afternoons per week January 4 – February 18, 2020  
Ideally, come with us to competitions

### Website Design

- Help our marketing team revamp our website & plan new online initiatives.
- Commitment: Flexible October 2019 - March 2020

## **Budget** **2019 – 2020 Season**

### **Minimum Budget:**

<b><i>Cost</i></b>	<b><i>Item</i></b>
\$5,000	Registration for one competition (local), includes Kit of Parts
\$4,000	Registration for a second competition (out of the area)
\$3,500	Hotel for second competition
\$5,000	Robot parts, tools, and shop materials
\$500	Marketing: T-shirts, Outreach materials, Banners w/sponsor logos
\$2,000	Transportation in school bus for second competition
<b>\$20,000</b>	<b><i>Total</i></b>

### **If We Qualify for World Championships in Detroit:**

<b><i>Cost</i></b>	<b><i>Item</i></b>
\$5,000	Registration for World Championships
\$5,000	Hotel for Detroit
\$2,000	Transportation in school bus
<b>\$12,000</b>	<b><i>Total</i></b>

### **Stretch Goals:**

<b><i>Cost</i></b>	<b><i>Item</i></b>
\$3,000	Pre-Season Training Robot with custom drive train
\$500	Build a battery cart
\$1,000	Build a custom workbench to upgrade our pit

All donations to Pirate Robotics #6032 are tax deductible as a **charitable contribution**.



**In-Kind Donations**  
**Specific Needs for 2019 – 2020**

<i><b>Item</b></i>	<i><b>Cost</b></i>	<i><b>Link to Example</b></i>
80/20 Compatible Extrusions, Corner Brackets, Surface Brackets, and Hardware (1" x 1" cross section)	Varies	<a href="#">McMaster-Carr</a>
Circular saw	\$39.97	<a href="#">Home Depot</a>
Step Drill Bit	\$49.97	<a href="#">Home Depot</a>
Hole Saw Set	\$39.88	<a href="#">Home Depot</a>
Anderson power pole crimper	\$39.99	<a href="#">Powerwerx</a>
Anderson power pole assortment	\$99.99	<a href="#">Powerwerx</a>
Transfer Punch Set	\$68.50	<a href="#">McMaster-Carr</a>

# Sponsorship Form: 2019 - 2020

## PIRATE ROBOTICS



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FRC # 6032

West Carrollton High School

[www.wcrobotics.org](http://www.wcrobotics.org)

Pirate Robotics is a **FIRST® Robotics Competition** team at West Carrollton High School. All funds donated will be used specifically for students within this team.

### Club Advisers:

Mr. Neal, [mneal@wcsd.k12.oh.us](mailto:mneal@wcsd.k12.oh.us)

Mrs. McGuff, [emcguff@wcsd.k12.oh.us](mailto:emcguff@wcsd.k12.oh.us)

Mrs. Reynolds, [sreynolds@wcsd.k12.oh.us](mailto:sreynolds@wcsd.k12.oh.us)

### Individual Sponsorship

- ☐ \$500 Pirate Robotics Crew
- ☐ \$100 Platinum
- ☐ \$50 Gold
- ☐ \$25 Silver
- ☐ \$10 Bronze

Total: \_\_\_\_\_

### Business Sponsorship

- ☐ \$5,000 Title Sponsor
- ☐ \$2,500 - \$4,999 Platinum
- ☐ \$1,000 - \$2,499 Gold
- ☐ \$250 - \$999 Silver
- ☐ \$50 - \$249 Bronze

Total: \_\_\_\_\_

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

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

Phone: \_\_\_\_\_

*Thank you for your support!*

Please make checks payable to **West Carrollton High School**

Address: Attn: Robotics, West Carrollton High School, 5833 Student Street,  
West Carrollton, OH 45449

*All donations to Pirate Robotics can be deducted as charitable contributions.*



# Business Sponsor Benefit Information: 2019 - 2020

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	<b>Title Sponsor</b> \$5,000+	<b>Platinum Sponsor</b> \$2,500+	<b>Gold Sponsor</b> \$1,000+	<b>Silver Sponsor</b> \$250+	<b>Bronze Sponsor</b> \$50+
<b>Tournament Alliance Selection</b>	Your company thanked during playoff alliance selections	---	---	---	---
<b>Robot</b>	Extra-Large logo	Large logo	Medium logo	Small logo	Line of text with business name on robot
<b>Banner</b> <i>displayed at events and tournaments</i>	Extra-Large logo	Large logo	Medium logo	Small logo	---
<b>Team Shirts</b> <i>worn at events and tournaments</i>	Extra-Large logo	Large logo	Medium logo	Small logo	---
<b>Website</b>	Large logo prominently displayed at top of sponsor page, link to business	Logo & link to business	Logo & link to business	Logo & link to business	Link to business
<b>Memorabilia</b>	Thank-you Plaque, Pirate Robotics T-Shirt, Certificate signed by team members	Thank-you Plaque, Pirate Robotics T-Shirt, Certificate signed by team members	Thank-you Plaque, Pirate Robotics T-Shirt, Certificate signed by team members	Thank-you letter, certificate signed by team members	Thank-you letter, certificate signed by team members

**Available to all sponsors:** Team members will give a complimentary presentation to a small or large group providing more information and an interactive demonstration with one of our robots.