



# **TITAN ROBOTICS**

## **FRC Team 5587**

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# **Sponsorship Packet**

**2022-2023**



**ALEXANDRIA CITY  
HIGH SCHOOL**



<https://frc5587.org>

# Meet Titan Robotics



- Titan Robotics (Team 5587) is a student-run, nonprofit *FIRST* robotics team from Alexandria City High School in Virginia.
- Founded during the 2014 - 2015 school year, the team of 35 students meets several times weekly and participates in the *FIRST* Robotics Competition (FRC) whilst promoting STEM awareness and opportunities in the community of Alexandria



- As an FRC team, our program strives to spread *FIRST* (For Inspiration and Recognition of Science and Technology) values and inspire young students to pursue careers in STEM by engaging them in robotics activities

## Through our program, students...

- ❖ Apply engineering principles to the designing and building of robots
- ❖ Collaborate with peers and mentors in an engineering based setting
- ❖ Learn problem solving and project management skills
- ❖ Interact with and serve the community as a STEM resource
- ❖ Network with STEM professionals and companies
- ❖ Become eligible for \$80 million in scholarships
- Through the *FIRST* Robotics Competition, we participate in regional, national, and even international competitions!
- In 2022, over 770 teams from 55 countries competed with us at the *FIRST* World Championships in Houston, Texas!

# Team Achievements



## 2022 - Rapid React

### Greater DC District Event

- Winner
- Chairman's Award Winner

### Virginia High School League - Robotics

- 1st Class Award Winner

### Chesapeake District Championship

- Quarter-final Tiebreaker
- Chairman's Award Winner

### FIRST World Championships

- Robot Competed at the Global Level
- Competed for Chairman's Award at the Global Level

## 2019 - Destination: Deep Space

### Bethesda MD District Event

- Semi-finalist
- Engineering Inspiration Award Winner

### Oxon Hill MD District Event

- Quarter-finalist

### Chesapeake District Championship

- Semi-finalist
- Engineering Inspiration Award Winner

### FIRST World Championships

- Quarter-finalist in Carson Division
- Ranked 16/129 FRC teams

## 2020 & 2021 - Infinite Recharge

### FRC 449's Off-Season Bunnybots Competition

- Winner

### Virginia High School League - Robotics

- 1st Class Award Winner

## 2018 & 2019 - Power Up

### Greater DC District Event

- Quarter-finalist

### Southern Maryland District Event

- Semi-Finalist

### FIRST Chesapeake District

- Ranked 28/129

# Team Impact



- As part of our Mission to give back to our community and promote STEM awareness, Titan Robotics has organized and participated in numerous outreach events in the Northern Virginia area. These local events allow us to engage younger children in robotics and inspire them to pursue STEM.

## Community Outreach Highlights

- **Summer Camps:** Titan Robotics hosts Summer camps for children in grades kindergarten to 8th grade. Our team members taught various STEM topics, the programming of LEGO Mindstorms, rocketry, and more!
- **FIRST Teams:** Titan Robotics has expanded our program to include all levels of *FIRST* teams; granting students of all grade levels access to STEM programs through mentorships and liaisons. This includes *FIRST* Tech Challenge teams and *FIRST* LEGO League teams throughout the school district of Alexandria.
- **Desks for Kids:** In partnership with Building Momentum, a problem solving organization in Alexandria, Titan Robotics has built 350 wooden desks for kids in need of a workspace during the COVID-19 pandemic.

## Additional Outreach Events

YMCA Robotics Curriculum	Alexandria's Art on the Avenue	SHPEs Noche de Ciencias	ALIVE! Food Drive
Samuel W. Tucker Robotics Curriculum	USA Science & Engineering Festival	Spooky Mad Science Expo at Watergate	Box City at Watergate, Landmark
Patrick Henry Elementary STEAM Night	Claremont Elementary STEM Night	Cora Kelly Elementary STEM Expo	MacArthur Elementary STEM Night

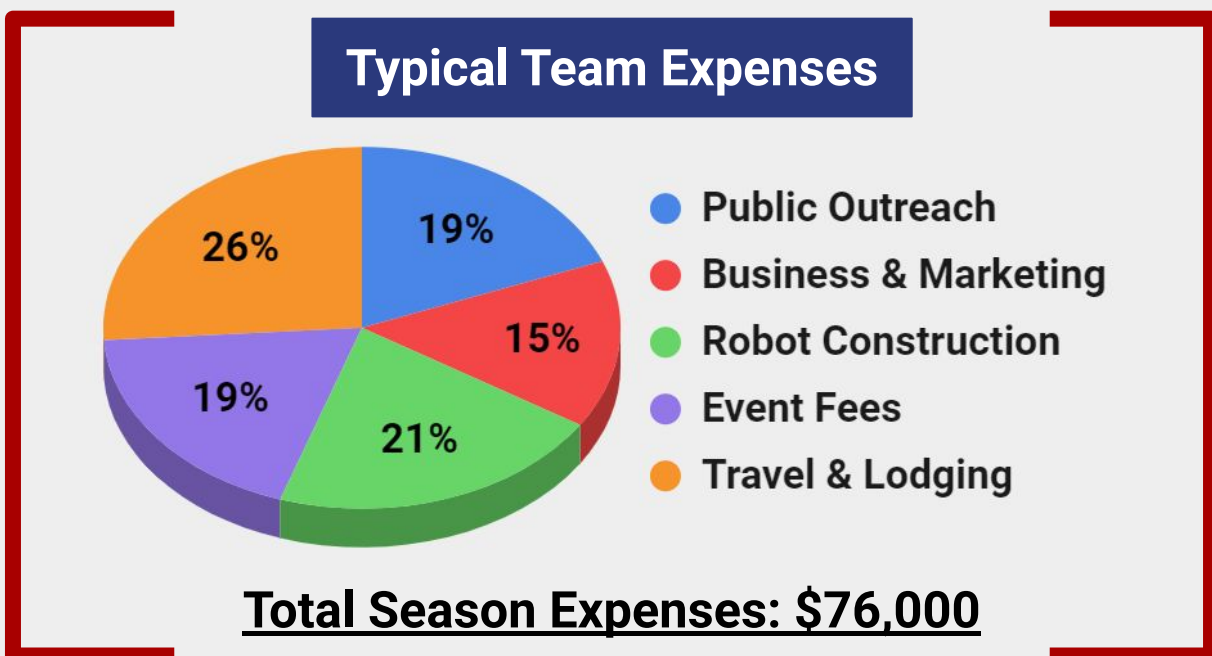
# Supporting Our Future



- As a student-led, nonprofit organization, we are entirely self-funded and reliant on aid from sponsors: a model that allows our team to remove barriers to STEM for students in our community. Your support of Titan Robotics will empower students to be the next generation of STEM graduates and future leaders.

## Ways You Can Help

- **Monetary Donation:** Being entirely self-funded, our team is dependent on funding from grants and sponsors. These finances ensure our sustainability and accessibility to all students.
- **Fuel the Team:** During build season, we spend countless hours in the workshop. Donations of team meals & snacks are always very welcome!
- **Material Donation:** The materials we require for building the robot can be expensive. That is why any donation of resources or tools are very much appreciated. For specific needs, please email the team!
- **Mentoring:** Mentors are vital to the team. They provide technical and non-technical support while supervising members in the workshop.



# Sponsorship Tiers



- We at Titan Robotics like to show our gratitude for the generous contributions made by our sponsors. To show our appreciation, the team offers various degrees of cumulative benefits!

## Platinum — \$5,000+

- Company name announced with team at competitions
- Robot demonstration at sponsor function

- Company logo featured on competition and outreach robots

## Gold — \$2,000+

## Silver — \$1,000+

- Workshop tour
- Company logo displayed in our competition pit

- Company logo featured on team website
- Letter of appreciation

## Bronze — \$500+

**\*\*Please email [frc5587@gmail.com](mailto:frc5587@gmail.com) with an official, high resolution svg/png file of your company logo**



# Sponsorship Information



- Thank you for supporting Titan Robotics, a 501(c)(3) nonprofit. Our EIN is 82-1619633. Please complete the form and email to [frc5587@gmail.com](mailto:frc5587@gmail.com). Mail checks to "Titan Robotics 5587 Boosters" 3213 Duke Street, #824, Alexandria, VA 22314.

## Sponsorship Form

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

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

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

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

Phone #: \_\_\_\_\_ Email: \_\_\_\_\_

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

Student Contact: \_\_\_\_\_

Amount Donated: \$\_\_\_\_\_ Check #: \_\_\_\_\_

Cash: \_\_\_\_\_ Online: \_\_\_\_\_

In-Kind Donation: \_\_\_\_\_

## Contact Information

- For any questions, clarification, or more information on Titan Robotics, please email [frc5587@gmail.com](mailto:frc5587@gmail.com)!

## Follow Us!





Thank you for your support!

