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## What is FIRST Robotics?

FIRST (For Inspiration and Recognition of Science and Technology) is a non profit organization that combines the excitement of a sport with the rigors of science and technology. High-school students work alongside mentors to create an industrial robot to compete in competitions. Under strict rules, limited resources, and an intense six-week time limit, teams of students are challenged to raise funds, design a team "brand," hone teamwork skills, build and program the robot. Each season ends with an exciting **FIRST Championship**.

Each year at the worldwide kickoff, the game is announced. Teams right away start the six- week process. Every year the game and rules are different.

The messages of FIRST are crucial for the team's success. The messages that are taught by professional engineers are:

- How to master STEM skills
- How to learn and use sophisticated software and hardware
- How to use power tools
- How to design, build and compete with a robot
- How to improve teamwork, interpersonal, and communication skills
- How to cooperate and form alliances with other teams during competition
- How to understand and practice Gracious Professionalism™





## About I.AM.Robot Team 4810

I.AM.Robot is a FIRST robotics team of students from the International Academy of Macomb (IAM). Our school, the IAM, is comprised of highly motivated students from many school districts within Macomb County. This will be our seventh year competing and we are ready to succeed! We have accomplished so much for only being a seven year running team and we are ready to tackle the 2018-2019 season with your support.

We are approaching your company to ask for financial support, building supplies, tools or even donations of food or meals. These factors are essential to the success of our team and our ability to compete effectively in a very competitive sport.



2018 Troy Competition: Design and Creativity Award



# Team Dynamic and Structure

*For a team to be successful, it is crucial to have a distinct system that works for all members. Listed is a brief synopsis of how our team functions.*



## Team Organization

We have six main teams that not only follow, but also promote the messages of FIRST.

- Design & Build Team
- Programming & Controls Team
- Strategy/Scouting Team
- Finance and Marketing Team
- Fundraising Team
- Outreach/Media Team

## Building the Team

We are welcoming to students of all grades to join. No matter what experience or talent, veteran members welcome all. New members have the opportunity to participate on all of the teams and choose the one best suited for them.

## Coaching and Mentors

The team would not be able to function without the assistance of our coaches and mentors. They not only provide educational support, but also mental support. Mentors assist with all of the teams and volunteer their time to promote the messages of FIRST.

## Community Outreach

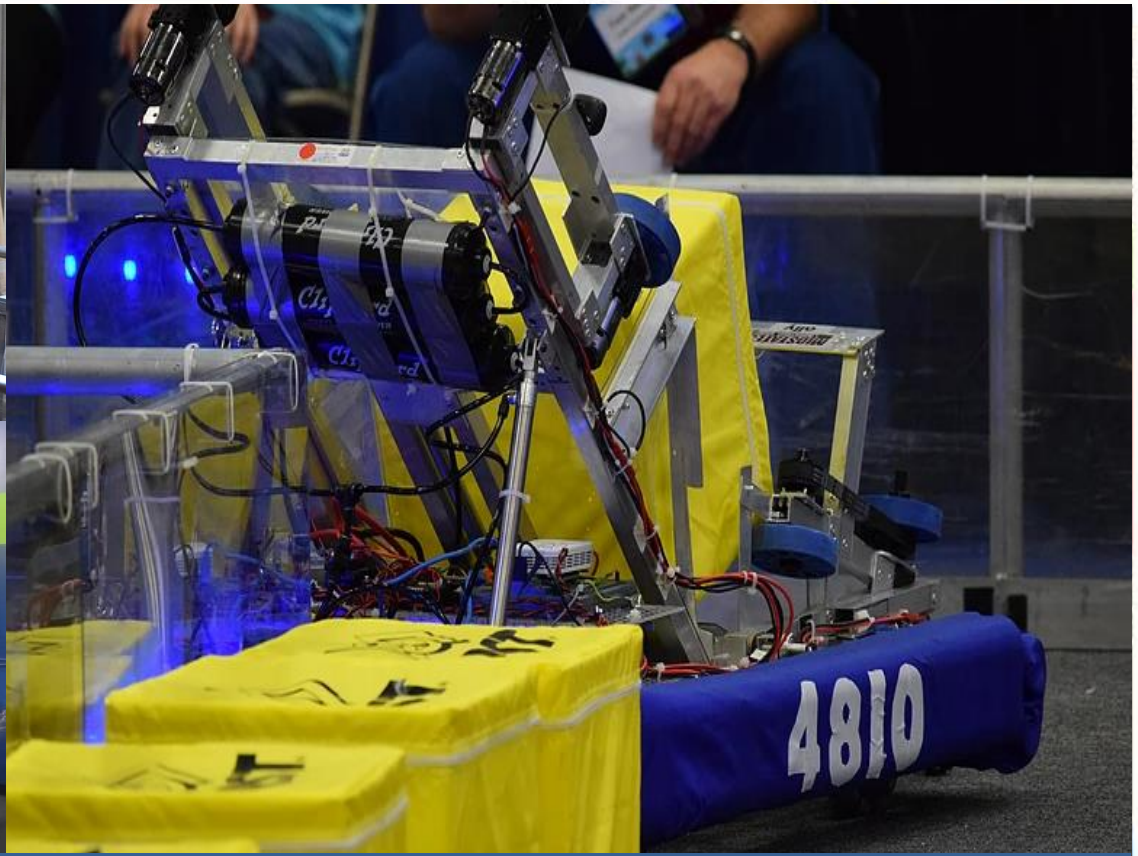
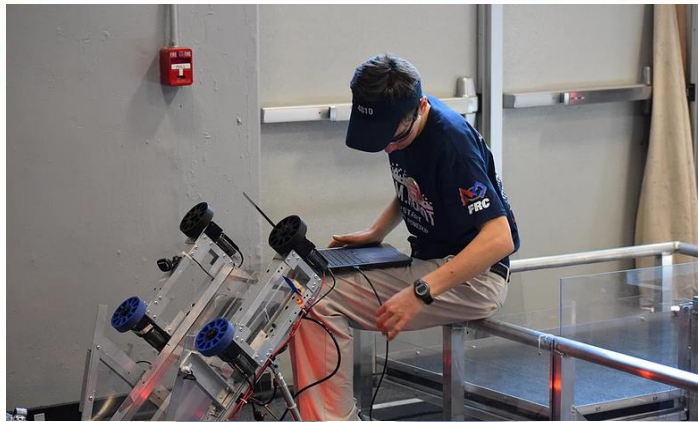
Helping the community is an important message that our team is trying to promote. Since the IAM consists of schools across Macomb county, we try to participate in community volunteer opportunities.

## Other Team Relations

We not only focus on our own team, but also support other teams. For example, in the 2017 year, we fostered a rookie team at competitions to make sure they had meals and got the full FIRST experience. We will continue developing this aspect of the team.

## Our Mission

As a team, our mission is to inspire pupils to be science and technology leaders. By engaging our students in exciting mentor-based programs we build science, engineering, and technology skills. We believe that well-rounded life capabilities that include self-confidence, communication, and leadership can provide unlimited opportunities for our team.



## Awards

2013

Grand Blanc Competition

Rookie All-Star Award

Troy Competition

Silver Medalist

Rookie All-Star Award

State Championship

Michigan All-Star Rookie Award

World Championship participant

2014

Troy Competition

Entrepreneurship Award

Centerline Competition

Ranked 3rd

2015

Bedford Competition

Gracious Professionalism  
Award

2016

Waterford Competition

Ranked 9th - Quarterfinalists

Troy Competition

Ranked 10th - Semi-finalists

Creativity Award

Invited to State Championship

2017

Southfield Competition

Entrepreneurship Award

State Championship

2018

Troy Competition

Design and Creativity Award  
World Competition Participant



# Annual Participation Costs in FIRST Robotics

We are trying to raise \$60,000 for this year.



First Registration	\$5,000
Entitles team to a robot kit and one Regional competition	
In Michigan you are entitled to a robot kit and two District Competitions	
Playing Field Mock Up (lumber, carpet, field objects, etc.)	\$1,000
Competition Robot construction	\$6,500
Practice Robot Construction	\$6,500
Tools and Equipment	<u>\$18,500</u>
Trailer for robot	\$5,000
CNC Router Table (4' by 4')	\$9,000
Pit Upgrades	\$1,000
Tool Chest	\$500
Spare Parts	\$3,000
Michigan Championship Competition Registration fee	\$4,000
World Championship Competetion Registration fee	\$5,000
Marketing and Administrative	\$2,000
Miscellaneous	\$1,000
<b><u>Subtotal</u></b>	<b><u>\$49,500</u></b>
Championship Related Expenses	
Travel	\$3,000
Lodging	\$7,500
<b><u>Subtotal</u></b>	<b><u>\$10,500</u></b>
<b>Total</b>	<b>\$60,000</b>

The above costs are based on our Team's experience and other teams who have traveled to the Championship.

Thank you to the friends and families of Team 4810 for all of you support!

**MIDSTATES**  
INDUSTRIAL GROUP

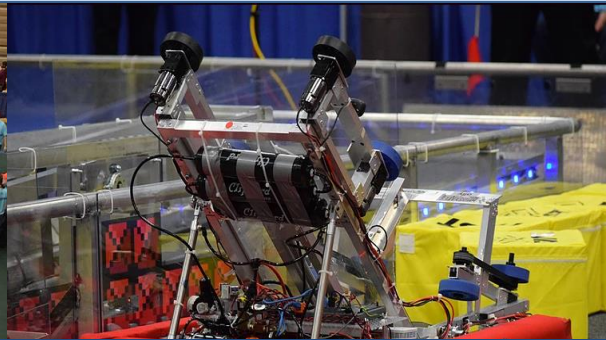


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STIFEL



DON VANDESTEENE



**Thank you 2018 Sponsors**  
Without the aid of these successful companies we would not have been able to achieve our goals.







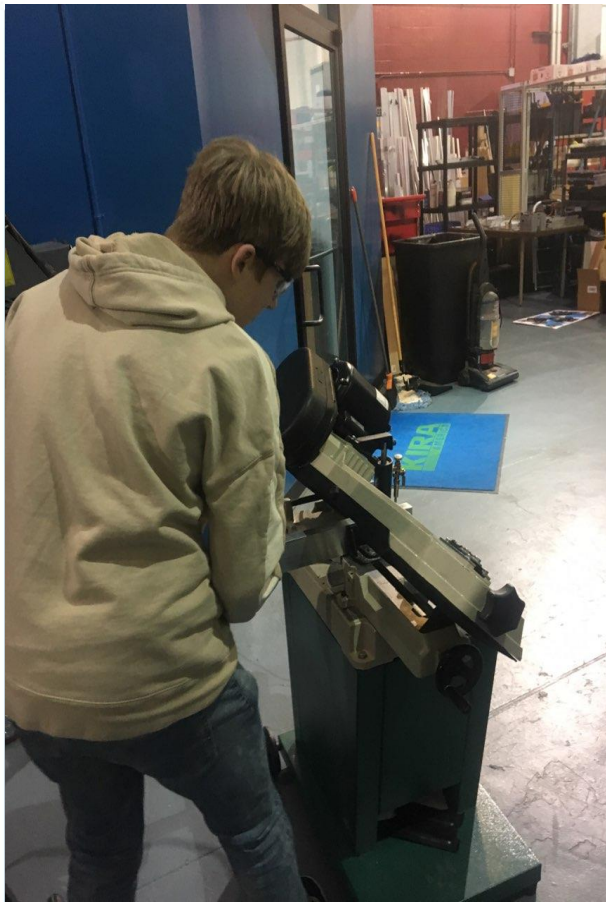
## Benefits of a Sponsorship

### Benefits to Corporate Sponsor

- Creating a relationship between students and your business
- Direct impact in student education
- Implementing marketing and awareness of your business
- Creating well rounded citizens in the community
- Creating positive marketing opportunities
- The corporation can work aside students interested in the company
- Allows cooperation to teach their messages and objectives to students
- Enhance critical time management skills
- Creating a unique partnership between students and adults
- Provides student-run robotics demonstrations for corporate meetings and events
- Creating a pipeline for interns and future employees
- Rich employee volunteer opportunities

### Benefits to Students and Community

- Inspires a desire for scientific learning
- Teaches necessary STEM skills
- Creates unique learning environment
- Provides opportunities for disadvantaged students to develop STEM skills
- Develops interdisciplinary skills between subjects
- Makes science and technology comfortable and accessible
- Creates a role model relationship with mentors
- Breaks down gender, race, and culture barriers
- Builds lasting relationships across all four grades
- Teaches teamwork and self esteem
- An alternative competitive environment than the normal athletic environment
- Teaches creativity and problem solving
- Highlights the success in winning and where it can lead students



## Sponsorship Levels

By donating monetary funds, labor, materials, or in-kind donations, sponsors will gain recognition and advertisement throughout the entire 2018 - 2019 season. Level of representation is based on the amount of donation and the various levels are as follows:

## IA Partner \$ Amount of choice

Recognition in all team communications

## Supporting Partner \$500 to \$999

Recognition in all team communications

Company name on our team's t-shirt

## Sustaining Partner \$1,000 to \$2,499

Recognition in all team communications

Company name on our team's t-shirt

Company logo or name on our team's banner

Small logo or corporate name displayed on our robot

## Executive Partner \$2,500-\$3,999

Recognition in all team communications

Small company logo and name on our team's t-shirt

Color logo and name on our team's banner

Small color logo or corporate name displayed on our robot

## Visionary Partner \$4,000-\$4,999

Premier exposure in all team communications

Color logo displayed on our team's t-shirt

Color logo and name on our team's banner

Color logo displayed on our robot

## Luminary Partner \$5,000 +

Premier exposure in all team communications

Color logo displayed on our team's t-shirt

Prominent Color logo and name on our team's banner

Prominent Color logo displayed on our robot







# YES! WE ARE HAPPY TO SPONSOR I.AM.ROBOT

**\*Your donation is tax deductible\***

**Company Name**

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**Your Name**

---

**Title**

---

**Address**

---

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**Phone**

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**Signature**

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## **Monetary Contribution:**

- ☐ IA Partner \$\_\_\_\_\_ (any amount)
- ☐ Supporting Partner \$ 500-\$999
- ☐ Sustaining Partner \$1,000-\$2,499
- ☐ Executive Partner \$2,500-\$3,999
- ☐ Visionary Partner \$4,000-\$4,999
- ☐ Luminary Partner \$5,000 and above

## **Other Options:**

- ☐ Send Me more information
- ☐ Please call me to discuss
- ☐ Forward this information to:



**Payment/Contact Information**  
International Academy of Macomb  
Please make checks payable to: **IAM**

Att: Debbie Deitman  
ddeitman@cvs.k12.mi.us  
42755 Romeo Plank  
Clinton Twp., MI 48038-1790  
586-723-7204





## Contact Us

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## INTERNATIONAL ACADEMY OF MACOMB

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Facebook:

I.AM.Robot Team 4810



# Thank you!

