

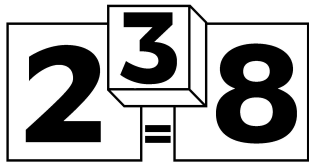
***FIRST***®

**Robotics**

**Team 238**

**Sponsorship Packet**





# **FIRST Robotics Team 238**

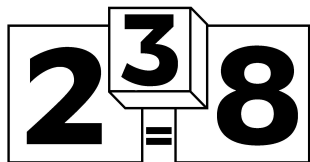
Team 238 Crusaders are from Manchester Memorial High School (MMHS). The team was founded in 1992 by an MMHS physics teacher and was one of the original teams that participated in, and had the honor of hosting, the first competition.

Our team consists of hardworking students and dedicated professional mentors. Team 238's mentors are engineers and business professionals from local companies. Everyone works together with each member bringing skills, aptitudes, and abilities that make us a team.

In a typical season, the Crusaders participate in two or three local District events which may earn us a spot at the New England District Championship. Every year, we hope to qualify to compete at the international *FIRST* Championship. In addition to those official competitions Team 238 also attends numerous exhibition events throughout New England.

Highlights of our recent accomplishments are listed below:

- 2022 New England District Championship Winner; Titanium Division Winner; Excellence in Engineering Award Winner
- 2022 Pease ANG Event Winner; Industrial Design Award Winner
- 2022 North Shore Event Semifinalists; Industrial Design Award Winner
- 2019 North Shore Event Entrepreneurship Award Winner
- 2018 *FIRST* Championship Tesla Division Semifinalists
- 2018 New England District Championship Semifinalists
- 2018 Greater Boston Event Winner; Industrial Design Award Winner
- 2018 North Shore Event Finalist; Quality Award Winner
- 2018 Granite State Event Winner; Quality Award Winner
- 2017 *FIRST* Championship Daly Division Quarterfinalists
- 2017 New England District Championship
- 2017 Southern NH Event Winner; Imagery Award Winner
- 2017 Granite State Event: Imagery Award Winner
- 2016 New England District Championship Finalist
- 2016 Boston Event Finalist; Quality Award Winner
- 2016 UNC Asheville Event Winner
- 2016 Granite State Event Finalist; Excellence in Engineering Award Winner

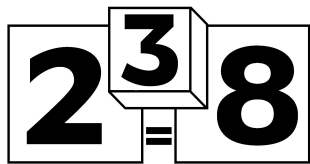


# ***FIRST* Robotics Competition**

*FIRST* (For Inspiration and Recognition of Science and Technology) was founded by inventor and entrepreneur Dean Kamen in 1989 to inspire young people's interest and participation in science and technology. Based in Manchester, NH, *FIRST* designs accessible, innovative programs that motivate young people to pursue education and career opportunities in science, technology, engineering, and math (STEM) while building self-confidence, knowledge, and life skills.

*FIRST* Robotics Competition (FRC) combines the excitement of sport with the rigors of science and technology. Under strict rules, limited resources, and time limits, teams' students are challenged to raise funds, design a team "brand," hone teamwork skills, and build and program robots to perform prescribed tasks against a field of competitors. It's as close to "real-world engineering" as a student can get. Volunteer mentors lend their time and talents to guide each team.

Each January, that season's challenge is released to over 3,000 FRC teams worldwide. The teams have to design, build and test a robot that they will then use to compete against and alongside other teams in a variety of events.



## Impact

By participating in a *FIRST* program, students have the opportunity to be involved in a challenging team activity. They build relationships, learn new skills, and gain a deeper understanding of, and an increased interest in STEM.

By working with their fellow team members and mentors, students are exposed to real-life challenges in science and technology. They are encouraged to work through problems, brainstorm solutions with their team, and implement those solutions in a gracious and professional manner.

Participating in the FRC program gives students valuable training in technical, computing, design, engineering, marketing, and business skills. These students will play a major role in our future workforce as engaged and hardworking individuals with practical experience in solving real-world engineering and business problems in a team setting.

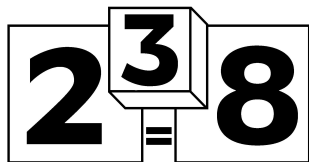
Students also participate in a variety of activities that benefit their community throughout the year.

Our objectives for this season are:

- Design and build a new robot for this season's competition
- Write a new business plan
- Engage safely with our community by volunteering and demonstrating

Partnering with Team 238 usually opens up opportunities for sponsors in workforce development, employee engagement, and recognition in a variety of media. Employees can also engage with the team as mentors, though the experience will just be a little different this year seeing as we are continuing to meet virtually. If you're interested in mentoring, please reach out for more information.

Your partnership with Team 238 will help develop the STEM and business leaders of tomorrow.



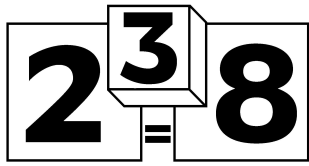
# Support

Areas in which your company can partner with Team 238 (these are examples of what we need in a typical year):

- Funding: to help us cover registration fees, travel, marketing, and building components for the robot.
- Product, materials, and machining time:
  - Tools
  - Aluminum
  - Batteries
  - Apparel
  - Wire
  - Signage
  - Electrical connectors
  - Anodizing
  - Nuts, screws, rivets
  - Gift cards
  - Wood
  - Plastic
- Mentors to lend their expertise to students in both designing and building the robot as well as the operations of the team:
  - Mechanical engineers
  - Electrical engineers
  - Software programmers
  - Business administrators
  - Marketing specialists
  - Database administrators
  - Social media experts
  - Website designers

<b>Sponsorship Opportunities</b>	<b>Crusader \$5,000+</b>	<b>Crown \$4,999- \$1,000</b>	<b>Gold \$999- \$50</b>
<b>Letter and photo of appreciation</b>	X	X	X
<b>Logo or name on website*</b>	X	X	X
<b>Logo or name on competition shirt*</b>	X	X	X
<b>Logo or name on competition banner*</b>	X	X	
<b>Logo or name on robot*</b>	X	X	
<b>Logo or name on select print materials*</b>	X	X	
<b>Robot presentation</b>	X	X	
<b>Name announced at each competition</b>	X		
<b>Distribution of sponsor-provided material at events</b>	X		
<b>Awards presentation</b>	X		
<b>Ability to brand team apparel of their choice**</b>	X		

\*Please note that the size and location of each sponsor's logo or name will be based on their donation amount. Team 238 accounts for in-kind contributions of items to the team as well as funding and mentors to determine sponsorship levels. \*\*Paid for by the sponsor.



## Contact

Thank you for taking the time to review our information.

If your organization would like to partner with Manchester Memorial *FIRST* Robotics Team 238, please contact:

**FRC School Advisor:** Dr. John Coppens

**Phone:** (603) 624-6378

**E-mail:** mmhsfrc238@gmail.com; jcoppens@mansd.org

**Address:**

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