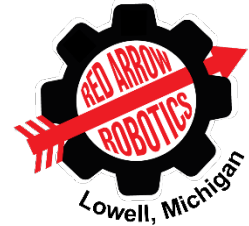


Lowell Area Business Leader,



Thank you for what you do to provide for our community, keep our local economy strong, and help make Lowell a great place to live and work.

As a retired Marine Corps officer, father and high school science teacher, I share your interest in providing the best possible support for our young people to develop them into the capable, committed and prepared citizens we need to continue the growth in our community and our nation. We need to ensure that our young people are well prepared with the skills needed to succeed in a high-tech and quickly changing economy. It is with this goal in mind that four years ago I assumed the role of Robotics Head Coach for Lowell Area Schools.

Our program, Red Arrow Robotics, is open to any 6<sup>th</sup>-12<sup>th</sup> grade students who live in the Lowell area and competes against teams around the state and the world to design and build custom robots to meet specific requirements and limitations under the umbrella of FIRST Robotics. The high school has been competing since 2010 and builds industrial size robots like the one shown here. Two years ago, we expanded our program to the middle school level and the response was huge. Interest was so great that we created two more new middle school teams and all three of those middle school teams just completed a very successful FIRST Robotics season that gave more than 50 Lowell area students a chance to explore this exciting field.



Red Arrow Robotics seeks to inspire our youth to develop as science and technology leaders and innovators by engaging them in exciting competitive robotics programs that build science, engineering, and technology skills, that inspire innovation and foster well-rounded life capabilities including self-confidence, communication, and leadership under the

guidance of engaged and committed volunteer mentor professionals.

Designing and building robots is expensive, however. We also must cover the costs of competition registration every season. Supporting our high school team and three middle school teams throughout 2024 will cost approximately \$28,000. This program has always been provided free of charge to students because we believe all students should have equal access to this opportunity to grow. While the state provides grants that cover about 25% of our needs, we look to generous donors and business leaders such as yourself to provide sponsorships to

support Red Arrow Robotics financially. I've attached a table that offers various sponsorship opportunities and sponsor recognition options if you can support our program. Sponsorship donations are tax exempt and can be mailed to Lowell Area Schools or submitted online using the QR code.



We want to make sure our students grow up to be the most capable employees and engaged consumers as they can be. Can you join us in the effort by providing financial support to this educational program? Or might you be interested in volunteering as a mentor to the teams or donating equipment or supplies. I thank you for your time, consideration, and any support you might be able to provide.

If you know of any area youth who would be interested in this robotics opportunity, please invite them to check us out at [lowellrobotics.org](http://lowellrobotics.org).

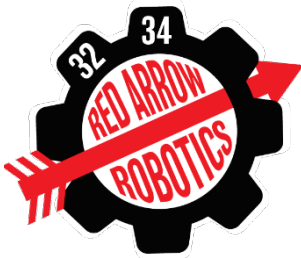
I would enjoy talking to you about any questions or ideas you might have to support Red Arrow Robotics. You can reach me at [bforney@lowellrobotics.org](mailto:bforney@lowellrobotics.org). Thank you!

Sincerely,



Bryan Forney  
Head Coach  
Red Arrow Robotics  
Lowell Area Schools





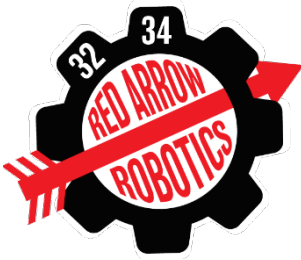
## Lowell Red Arrow Robotics Sponsor Recognition Opportunities



Thank you for your interest in supporting Red Arrow Robotics and our students this year. Our middle school program just completed its first season with three teams and our kids did great. The high School team, FIRST Robotics Competition Team 3234, just began its 14<sup>th</sup> season of competition when the new game was released on January 6<sup>th</sup>. If you choose to sponsor the team, please indicate if you would like your sponsorship and Sponsorship Recognition to apply to the high school team (3234), the middle school teams (21353, 23597, 23599), or split between the two. Thank you!

Sponsorship	Would Provide for the Team	Recognition of Sponsorship
<b>\$2,000+</b>	<ul style="list-style-type: none"> <li>• A large portion of event registration for the Michigan State Championship or Worlds Championship competitions.</li> <li>• Purchasing a CNC machine would allow students to experience building robot components themselves and save the team funds by not having to purchase specially machined parts.</li> <li>• FIRST Tech Challenge competition practice field for robot testing and drive practice.</li> </ul>	<ul style="list-style-type: none"> <li>• Exclusive recognition as sponsor of the team’s pit area during competitions</li> <li>• Logo on robot</li> <li>• Logo on team shirts worn during competitions</li> <li>• Name listed with the official team name at all FIRST events</li> <li>• Logo on the team website</li> <li>• Logo on the team banner</li> <li>• Sponsor window cling/sticker</li> </ul>
<b>\$1,000-\$1,999</b>	<ul style="list-style-type: none"> <li>• Much-needed upgrades to our programming computer. Students learn object-oriented programming in C++ to control the robot during competition.</li> <li>• An additional sponsorship would allow the team to purchase another computer for CAD, used to generate prototypes for the robot.</li> <li>• A robot vision system to provide our students the opportunity to learn cutting edge technologies and improve robot capabilities.</li> </ul>	<ul style="list-style-type: none"> <li>• Logo on robot</li> <li>• Logo on team shirts worn during competitions</li> <li>• Name listed with the official team name at all FIRST events</li> <li>• Logo on the team website</li> <li>• Logo on the team banner</li> <li>• Sponsor window cling/sticker</li> </ul>

Sponsorship	Would Provide for the Team	Recognition of Sponsorship
<b>\$500-\$999</b>	<ul style="list-style-type: none"> <li>• Purchase an improved robot</li> <li>• microprocessor to maximize student opportunity and robot capability.</li> <li>• Digital sensors to improve the</li> <li>• autonomous capabilities of the robot and challenge our programmers.</li> <li>• Digital video equipment for participating in FIRST awards, which require video submission of community involvement. These videos are entirely produced, filmed and edited by students.</li> </ul>	<ul style="list-style-type: none"> <li>• Logo on team shirts worn during competitions</li> <li>• Logo on the team website</li> <li>• Logo on the team banner</li> <li>• Sponsor window cling</li> </ul>
<b>\$250-\$499</b>	<ul style="list-style-type: none"> <li>• Benchtop metalworking and</li> <li>• woodworking tools.</li> <li>• Battery-operated handhold tools to improve the team's ability to repair the robot during competitions.</li> <li>• Lunches for students during competition season. Up to 45 students spend the entire day on Friday and Saturday from 8 a.m. to 6 p.m. or later at competitions.</li> </ul>	<ul style="list-style-type: none"> <li>• Logo on the team website</li> <li>• Logo on the team banner</li> <li>• Sponsor window cling</li> </ul>
<b>\$100-\$249</b>	<ul style="list-style-type: none"> <li>• Event registration for one FTC team to participate in a qualification tournament.</li> <li>• Robotics components, including NEO motors, SparkMax motor controllers and other materials.</li> <li>• Supplies to build the practice field materials to prepare the team for competition.</li> </ul>	<ul style="list-style-type: none"> <li>• Logo on the team website</li> <li>• Sponsor window cling</li> </ul>
<b>\$0-\$99</b>	<ul style="list-style-type: none"> <li>• Robotics components, including hardware, fasteners and structural components.</li> </ul>	<ul style="list-style-type: none"> <li>• Logo on the team website</li> </ul>



# Lowell Red Arrow Robotics Sponsor Commitment Form



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

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

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

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

- My donation of **\$2,000, \$1,000, \$500, \$250, \$100** or Other \$\_\_\_\_\_ (Circle one, or fill in amount) is enclosed, payable to: **Lowell Area Schools with Red Arrow Robotics** in the memo line.
- I would like my sponsorship and Sponsorship recognition applied to:
  - FRC 3234 (high school),     FTC teams (middle school),     split
- \_\_\_\_\_ I would like a tax-free donation letter from Lowell Area Schools.
- I would like a student presentation for more information. Please provide your phone number and we will contact you to schedule.
- I would like to make an “in kind” donation of materials. Please provide your phone number for discussion of materials donated.
- I would like to learn more about becoming a team mentor. Please provide your phone number and we will contact you.
- I would like to be contacted by phone. Best time/s to call: \_\_\_\_\_

**For any questions, please contact the Head Coach, Bryan Forney, at [bforney@lowellrobotics.org](mailto:bforney@lowellrobotics.org)**

Please return this form and your donation to:    Red Arrow Robotics  
Attn: Heather Doane  
300 High St.  
Lowell, MI 49331

**Thank you for supporting Red Arrow Robotics FRC Team 3234 &  
FTC Teams 21353, 23597 & 23599! Go Red Arrows!**