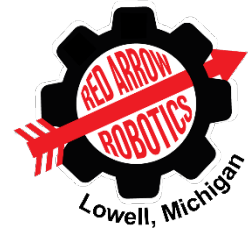


Lowell Area Business Leader,



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. I'm writing to ask for your help in supporting Red Arrow Robotics, the educational and competitive robotics program that serves the youth of the Lowell area. Any support you can provide will be essential this year as the state grants that support this program were severely underfunded this year.

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 five years ago I assumed the role of Robotics Head Coach for Lowell Area Schools.

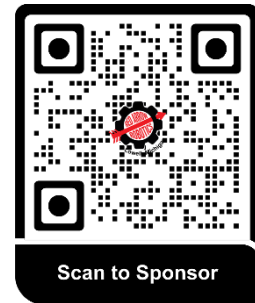
Our program, Red Arrow Robotics, is open to any 6th-12th grade students who live in the Lowell area and competes against teams around the state and the world to design and build custom robots to meet specific requirements and limitations under the umbrella of FIRST Robotics. The high school has been 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 uses the FIRST robotics competition programs to challenge students to learn engineering skills, develop as problem solvers and apply their math and science skills to build competitive robots while growing as supportive teammates, engaged citizens

and empathetic leaders in a supportive, mentor-led environment. It is important to us that cost not keep robots out of the hands of any of our children. That is why I'm asking for your financial help to support robotics in Lowell.

Designing and building robots, and robot competition registration is expensive. Supporting our high school team and three middle school teams through the 2025 seasons will cost approximately \$25,000. In the past few years, the state has provided substantial grants to cover almost half of that. Unfortunately, the state grants were under funded and robotics teams across the state are receiving about 55% of the expected grant amount. This year, we will be relying more than ever on the generosity of our community business leaders like you provide sponsorships in support of 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.

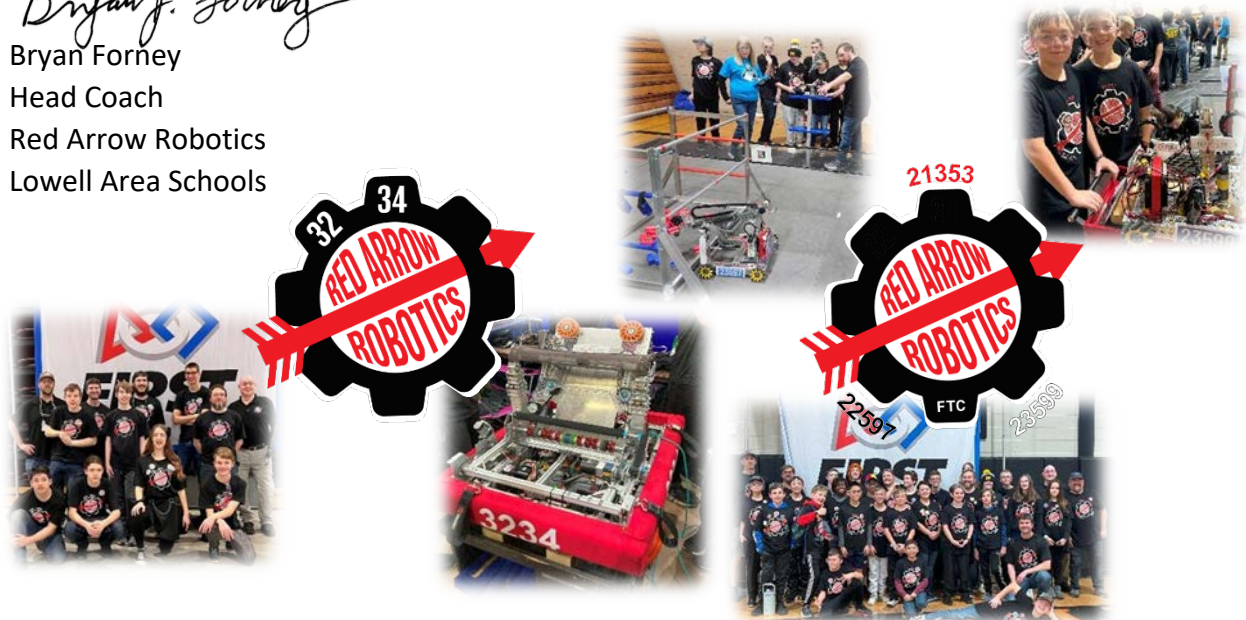
If you know of any area youth who would be interested in this robotics opportunity, please invite them to check us out at lowellrobotics.org.

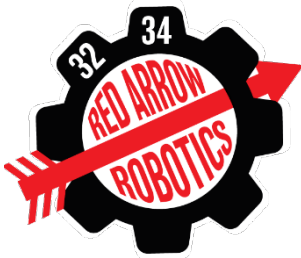
I would enjoy talking to you about any questions or ideas you might have to support Red Arrow Robotics. You can reach me at bforney@lowellrobotics.org. Thank you!

Sincerely,



Bryan Forney
Head Coach
Red Arrow Robotics
Lowell Area Schools





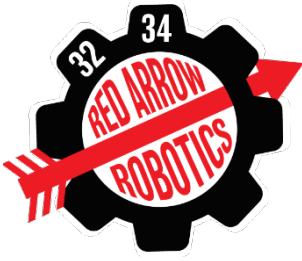
Lowell Red Arrow Robotics Sponsor Recognition Opportunities



Thank you for your interest in supporting Red Arrow Robotics and our students this year. Our middle school program recently finished its third season and our kids did great work. The high School team, FIRST Robotics Competition Team 3234, just began its 16th season of competition when the new game was released on January 4th. Thank you for your support!

Sponsorship	Would Provide for the Team	Recognition of Sponsorship
<p>\$2,000+</p>	<ul style="list-style-type: none"> • A large portion of event registration for the Michigan State Championship or Worlds Championship competitions. • 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. • FIRST Tech Challenge competition practice field for robot testing and drive practice. 	<ul style="list-style-type: none"> • Exclusive recognition as sponsor of the team’s pit area during competitions • Logo on robot • Logo on team shirts worn during competitions • Name listed with the official team name at all FIRST events • Logo on the team website • Logo on the team banner • Sponsor window cling/sticker
<p>\$1,000-\$1,999</p>	<ul style="list-style-type: none"> • Much-needed upgrades to our programming computer. Students learn object-oriented programming in C++ to control the robot during competition. • An additional sponsorship would allow the team to purchase another computer for CAD, used to generate prototypes for the robot. • A robot vision system to provide our students the opportunity to learn cutting edge technologies and improve robot capabilities. 	<ul style="list-style-type: none"> • Logo on robot • Logo on team shirts worn during competitions • Name listed with the official team name at all FIRST events • Logo on the team website • Logo on the team banner • Sponsor window cling/sticker

Sponsorship	Would Provide for the Team	Recognition of Sponsorship
\$500-\$999	<ul style="list-style-type: none"> • Purchase an improved robot • microprocessor to maximize student opportunity and robot capability. • Digital sensors to improve the • autonomous capabilities of the robot and challenge our programmers. • 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. 	<ul style="list-style-type: none"> • Logo on team shirts worn during competitions • Logo on the team website • Logo on the team banner • Sponsor window cling
\$250-\$499	<ul style="list-style-type: none"> • Benchtop metalworking and • woodworking tools. • Battery-operated handhold tools to improve the team's ability to repair the robot during competitions. • 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. 	<ul style="list-style-type: none"> • Logo on the team website • Logo on the team banner • Sponsor window cling
\$100-\$249	<ul style="list-style-type: none"> • Event registration for one FTC team to participate in a qualification tournament. • Robotics components, including NEO motors, SparkMax motor controllers and other materials. • Supplies to build the practice field materials to prepare the team for competition. 	<ul style="list-style-type: none"> • Logo on the team website • Sponsor window cling
\$0-\$99	<ul style="list-style-type: none"> • Robotics components, including hardware, fasteners and structural components. 	<ul style="list-style-type: none"> • Logo on the team website



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 submitted my sponsorship donation through efundsforschools.com using this QR code.



• _____ 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

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!