*FIRST* Robotics Competition Team 2656

*FIRST* LEGO League Teams 51258, 53070, 73655, 73656

Gateway High School - Monroeville, PA

## Our Mission

As a team, our main goal is to encourage young people to explore the fields of science and technology. To this end, we participate in several robotics competitions that are designed to promote this goal, and to develop experience in STEM-related fields.

Our program has a team competing in the *FIRST* Robotics Competition, as well as four *FIRST* LEGO League teams. In addition to the engineering opportunities that these challenges represent, they also provide students with opportunities to:

- Pursue passions in all fields; not only those related to science and technology
- Gain hands-on experience with multi-disciplinary collaborative problem solving
- Learn how to handle real-life situations by working to short, strict deadlines, handling team finances, and taking robots from design through implementation within the guidelines of the competition
- Volunteer in their community
- Network with industry and engineering firms and companies

## Team Organization

- 36 team members in 2026-2027, representing grades 7-12
- 8 adult volunteers
- 5 competition teams (FRC and 4 FLL teams)

## Team Impact

- 95+ alumni have participated in our program since 2008, many in STEM fields today
- Since January of 2025, we have participated in 65 community events inspiring over 7,500 visitors. The total student volunteer hours at these events add up to 618. Our Girl Scouts Initiative, started in 2018, has helped local girls earn 1,077 STEM badges through our free workshops.

For more information on *FIRST* robotics competitions, visit **www.firstinspires.org**

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**Educational Improvement Tax Credit approved program**

EITC donations to Quasics can be accepted via the Gateway Education Foundation. Contact us today if your business is on the PA Department of Community and Economic Development list.

**Sample budget**

There are many costs associated with running the *FIRST* programs at Gateway. Our projected budget for the 2026-2027 season includes the following expenses:

| | |
|---|---|
| **Competition Registration Fees (FRC/FLL)** | **$11,000** |
| **Local Competition Entry Fees (FRC/FLL)** | **$1800** |
| **Team Uniforms (FRC/FLL)** | **$700** |
| **Parts/Tools/Supplies/Safety** | **$6,000** |
| **Demonstration Materials** | **$1000** |
| **Total** | **$20,500** |

In addition to monetary donations, the team welcomes in-kind donations, such as tools, spare parts and components, metal stock, wire, sensors, laptops, and more.

Areas where adult mentors can provide support during team activities including:

- Writing, including funding documents and our Business Plan
- Organization and project management of fundraising, sponsor visits, and more
- Graphic Design and Marketing
- Advice and guidance during prototyping efforts
- Mechanical, Software, and Electrical Engineering support
- Public speaking practice and feedback

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As there are significant costs associated with our competitions, we rely on sponsor support in addition to other fundraising efforts. We have the following sponsorship levels and associated benefits.

## Sponsor Benefit Levels

| | |
|---|---|
| Bronze<br>(under $75) | • Small sponsor name on banner (displayed at tournaments)<br>• Sponsor name on website sponsorship page<br>• “Thank You” letter, signed by all club members<br>• Invitations to our Regional Competition and our end of the year celebration, as well an on-site demonstration at your location by sponsor request |
| Silver<br>($75 - $249) | All Bronze level benefits, plus:<br>• Medium sponsor name on banner (displayed at tournaments)<br>• Sponsor name on t-shirt |
| Gold<br>($250 - $499) | All Silver level benefits, plus:<br>• Large sponsor name on banner (displayed at tournaments)<br>• Sponsor name and link on website sponsorship page<br>• Sponsor name on robot(s) |
| Platinum<br>($500 - $999) | All Gold level benefits, plus:<br>• Prominent sponsor name on banner (displayed at tournaments)<br>• Sponsor name, logo, and link on website sponsorship page<br>• Team t-shirt to display |
| Diamond<br>($1000+) | All Platinum level benefits, plus:<br>• Prominent sponsor name and logo on banner (displayed at tournaments)<br>• Sponsor name, logo, and link on sponsorship page and logo on the front page of the club website<br>• Prominent sponsor name on t-shirt<br>• Prominent sponsor name on robot(s) |

For more information on Quasics, visit our team’s website at **www.quasics.org**
Be sure to follow us on Facebook and Instagram!

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Gateway High School - Monroeville, PA

Business name:

Contact name:

Address:

City: State: Zip code:

Phone: ( ) Email:

Business website:

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Please make checks payable to: ***Gateway High School Robotics Club***

Mail to: Gateway High School Robotics Club
3000 Gateway Campus Blvd
Monroeville, PA 15146

Student contact:

Amount donated: Check #: Cash: [ ]

Material donation:

EITC donations are tax deductible through the Gateway Education Foundation.
Contact us for more information!