

QUASICS

FIRST Robotics Competition Team 2656

VEX Robotics Competition Team 2656

Quasics: SeaPerch

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 team has a group competing in the *FIRST* Robotics Competition, and two groups in the VEX Robotics Competition, as well as a SeaPerch team comprised of the members of both the *FIRST* and VEX teams. In addition to the engineering opportunities that these challenges represent, they also provide students with opportunities to:

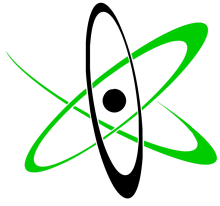
- Pursue passions in all fields; not only those related to science and technology
- Gain hands-on experience with multi-disciplinary collaborative problem solving
- Learn how to handle real-life situations by working to short, strict deadlines handling team finances, and taking robots from design through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

Team Organization

- 47 team members in 2017-2018, representing grades 7-12
- 6 adult volunteers
- 4 competition teams (FRC, VEX x2, SeaPerch)

Team Impact

- Over 60 alumni have participated in our program since 2007, many in STEM fields today
- Participated in 24 community events totaling over 100 hours since July 2016. Our outreach events include the Pittsburgh Maker Faire, Celebrate Monroeville, Pitcairn Community Day, Camp Invention, and Sonshine Camp



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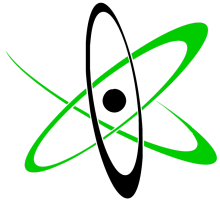
There are many costs associated with running the *FIRST*, VEX, and SeaPerch programs at Gateway. Our projected budget for the 2017-2018 season includes the following expenses:

Competition Registration Fees (FRC/VEX)	\$6000
Local Competition Entry Fees (VEX)	\$200
Team Uniforms (FRC/VEX)	\$750
Transportation	\$3000
Parts/Tools/Supplies/Safety	\$1500
Promotional Materials	\$750
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Total	\$12,200

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

Most significantly, our program is always in need of adult mentors, especially to provide support during our activities, such as:

- Advice and guidance during prototyping efforts
- Guiding the students through the technical challenges we encounter (electrical, mechanical, and programming based)
- Handling the team's finances
- Helping to plan the logistics of our events (e.g., meeting times, planning for competitions)



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As there are high costs to enter our competition, we humbly ask for support from sponsors. Depending on the level of sponsorship one wishes to reach, he or she will receive various benefits. All sponsors will also be invited to all of our competitions and our end of the year event.

Sponsor Benefit Levels

Bronze (under \$75)	<ul style="list-style-type: none"> • Small sponsor name on banner (displayed at outreach events & tournaments) • Sponsor name on website sponsorship page • Framed "Thank You" letter, signed by all club members • Listing in our sponsor book at outreach events & tournaments • Copies of the club newsletter • Invitation to the end-of-year banquet
Silver (\$75 - \$249)	Bronze level benefits, plus: <ul style="list-style-type: none"> • Medium sponsor name on banner (displayed at outreach events & tournaments) • Sponsor name on t-shirt
Gold (\$250 - \$499)	Silver level benefits, plus: <ul style="list-style-type: none"> • Large sponsor name on banner (displayed at outreach events & tournaments) • Sponsor name and link on website sponsorship page • Sponsor name on robot(s)
Platinum (\$500 - \$999)	Gold level benefits, plus: <ul style="list-style-type: none"> • Prominent sponsor name on banner (displayed at outreach events & tournaments) • Sponsor name, logo, and link on website sponsorship page • Team t-shirt to display
Diamond (\$1000+)	Platinum level benefits, plus: <ul style="list-style-type: none"> • Prominent sponsor name and logo on banner (displayed at outreach events & tournaments) • Sponsor name, logo, and link on sponsorship page and logo on the front page of the club web site • Prominent sponsor name on t-shirt • Prominent sponsor name on robot(s)

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

For more information on VEX robotics competitions, visit www.vexrobotics.com

For more information on SeaPerch competitions, visit www.seaperch.org

For more information on Quasics, visit our team's website at www.quasics.org

And be sure to 'like' us on Facebook, and follow us Twitter and Instagram!

Quasics thanks you for your support!

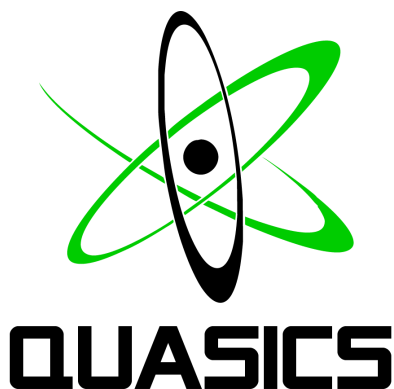
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www.quasics.org

QUASICS ROBOTICS TEAM

3000 Gateway Campus Blvd
Monroeville, PA 15146

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Business name:

Contact name:

Address:

City:

State:

Zip code:

Phone: ()

Email:

Business website:

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:

Thank you for your support! Your generosity is greatly appreciated!