



September's events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20 GHS Open House	21	22
23 Oakmont Center for Nursing and Rehab	24	25	26	27 Homecoming Bonfire	28	29
30						

(Note: individual team meetings are scheduled weekly and normally are not listed above.)

Upcoming events:

- Monday, October 1st, 2018 - Girl Scouts demo (rain date October 15th)
- Tuesday, October 2nd, 2018 - Girl Scouts Troop 46710 demonstration
- Saturday, October 27th, 2018 - Rah Cha Cha Ruckus (Rochester, NY)
- Tuesday, November 15th, 2018 - UP STEAM Night
- Saturday, January 5th, 2019 - Kickoff for the 2019 FRC Season

(The team calendar is available at "<http://quasics.org/index.php/outreach/>")

Announcements

Girl Scouts initiative [2018+]

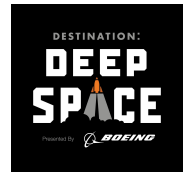
Quasics has recently started demonstrating for the local Girl Scout troops. We have visited Troops 52296, 46590, and 52635. We also led two workshops for the Central Westmoreland Service Unit at their “Full STEAM Ahead” event in July. In total, Quasics has inspired a total of 83 Girl Scouts and handed out two sets of Badges. Our goal is to visit every Girl Scouts Troop in our area, and to inspire as many of them as we can to explore STEM and robotics.

Community Outreach statistics since the 2018 FRC Kickoff (January 6)

We totalled up our Community Outreach hours and visitor totals to this point in 2018. We have participated in 26 community events through the end of August, totaling 83 hours and inspiring 4,727 visitors in our community!

FIRST's 2019 teaser is out

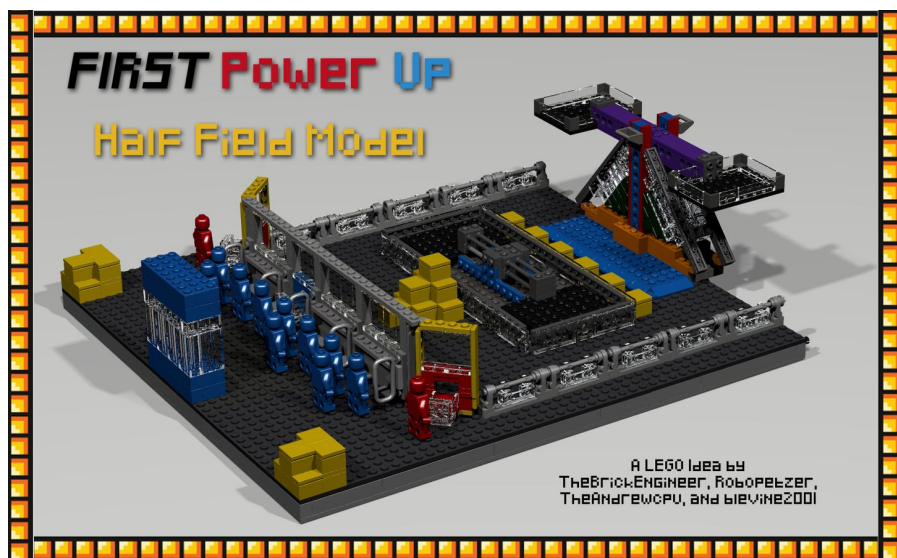
If you haven't seen the teaser for next year's FIRST games (“FIRST Launch 2019”), [check it out!](#) All four divisions within FIRST will have a shared theme of outer space exploration (with the FRC game being “Destination Deep Space”), as we celebrate 30 years of FIRST Robotics!



FIRST POWER UP Lego Set!

Vote to make an Official LEGO set for FIRST POWER UP become a reality! FIRST® Robotics Competition community members have created a FIRST POWER UP set using LEGO bricks and have started the process to turn it into a LEGO set that could be purchased!

This process has many steps, and to continue we need to accumulate 10,000 votes on the LEGO website. If just three people from every team vote for this, we would have the number of votes needed to get us one step closer to making this a commercially-available LEGO product! Showing support is easy! See the full project here: [FIRST POWER UP Half Field Model](#). Create a login, then click the blue ‘Support’ button. Please share the project with others who may want to give support.



FIRST Email Blast Opt-in

Share this link with anyone – parents, team members, fans, etc. – who wants to receive updates from FIRST Robotics Competition directly to their inbox. A link to the subscription page is also on the Team Email Blast archive page. Click [here](#) to sign-up!

Ed.Co online fundraising platform

Edco is an online platform that acknowledges the nonstop time commitments and struggle of fundraising, so they use modern technology to make it easier. It is accessible and simple to use. We are asking that you visit the link below and help our teams by making a donation. With your support, we can continue to compete and share our passions for STEM and Robotics in our community!

<https://gateway-shs.ed.co/quasics>

Follow us on social media!

Be sure to Like our [Facebook](#) page, and follow our [Twitter](#), [Instagram](#), and [YouTube](#) accounts!

Thank you Quasics sponsors!

Bechtel Plant Machinery, Inc, SERVPRO of Monroeville, B.C. Electric, Google's Making & Science Team, Google.org, Pat Catan's, the American Society of Mechanical Engineers, PNC Bank, The MERS Group, Sherba Family, Bechtel National, Eat 'n Park, the Rotary Club of Monroeville, & Gateway School District.

August Events

WV-RoX

Friday & Saturday August 3rd 8A -4th 2:30p

WVRoX is (repeatedly) the hardest competition that we do as a team: it is an endurance event held every other year at WVU, which runs for 26 hours and 14 minutes of non-stop robotics action!

This year, we held 5th for the better part of the event, and our new drive team ended in 16th. We were drafted into the 6th-seeded alliance for the finals, alongside alliance captain team 1732 ("Hilltoppers") and team 686 ("Bovine Intervention"). We were eliminated in the quarter finals with a close last game to the 3rd-seeded alliance.

The team had a great time competing, but we were all happy to be able to get some sleep once we got home!



Boys & Girls Club Demo

Friday, August 10th 10A-4p

A few months back, Quasics was invited by a former head coach of SHARP to do a workshop at the Boys and Girls Club, and we said, "Absolutely!"

We showed them some videos of different types of robots, had them do both a "cup coding" game and an activity to write "code" to help a robot solve a maze, and then we demoed Katherine for them!

They were great hosts and the kids seemed to love the activities.



Freshman orientation
Tuesday, August 14th 9-11:30

Quasics stayed home this time in order to show off our robots to the newest members of our high school. (And hopefully impress some soon-to-be new members of the club.)



Eat 'N Park Demo
Wednesday, August 15th 11A-2P

We went to the headquarters of one of our favorite restaurants (Eat 'N Park) with all our gear. We took Sea Perch, showed off trophies, and let them drive Katherine and Vex Bot A.

Katherine is looking into a career outside of STEM as a cookie delivery bot! You can check out a video of her try-out for the position on the Facebook pages for both our team and Eat'n Park. You can also see the video on their Twitter page:

<https://bit.ly/2PZZlmc>



YMCA Penn Hills Demo
Friday, August 17th 10A-1P

This visit will be Quasics' last time visiting this YMCA, as it will soon be shutting down. We brought Katherine, Curie, Millie, and Sea Perch, as well as STEM-related art projects for the kids to do!

The kids had a lot of fun watching Katherine stack cubes and driving Millie around the space.



Independence Court Demo
Thursday, August 23rd 7P-8:30P

We brought Katherine, Cozmo, and Millie, as well as some art projects to our other local retirement home. The residents really enjoyed the visit, and a few of them thought of the robot like a pet.

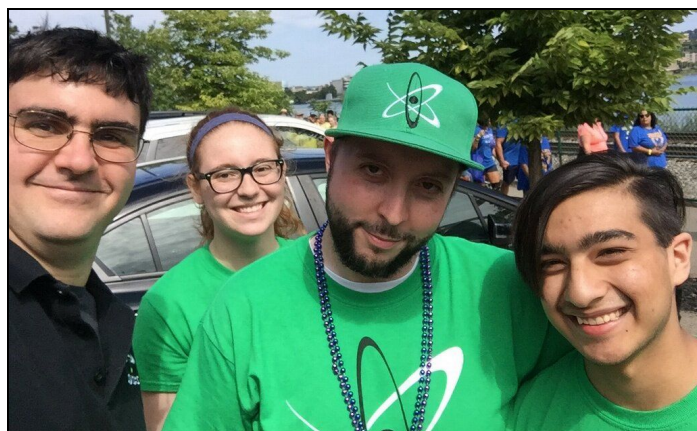
We loved this outing: it was a lot of fun, and we can't wait to come back!



Out of the Darkness Walk Saturday, August 25

Quasics Coaches Sean McMahon, Mickey McMahon, Gilmore, Garcia-Smith, and Cohen participated in the 2018 Pittsburgh 'Out of the Darkness Walk' on August 25 at Highmark Stadium. Coach Sean was asked to accept an Educator Award, alongside Dr. Levine and Mrs. Luffey, on behalf of Gateway School District. The award was to honor Gateway for having the most trained high school staff in the area in suicide prevention.

After the opening ceremony, over 2200 people participated in the walk down near Station Square. This was our second year at the 'Out of the Darkness Walk'. The event is held by the American Foundation for Suicide Prevention. We had AFSP come out and speak to our students in December of 2017 and plan to have them back again this fall.



Sam's Club Car Cruise Saturday, August 25 11A - 5P

Quasics set up a tent during a car cruise hosted by our local Sam's Club. Proceeds from the event were donated to Children's Hospital!

We showed off our FRC robot, let people drive our VEX demo bot (Millie), and held our Marshmallow Catapult Challenge! Visitors could also draw their own robots and complete our STEM word search.



New Member Meeting! Wednesday, August 29 2:30P- 4:00P

It's the time of the year again when we meet our new members! 12 new students attended this year!

The Leadership Team talked with them about what we do, demoed the FRC bots from the last three years (Katherine, Grace, and Nike), and showed off Millie from the VEX team (whom the new students seemed to really enjoy driving).

We are looking forward to an amazing VEX year!

