



## December's events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4	5	6 AFSP Presentation	7 Hour of Code @ Barrett Elementary	8	9
10 FRC Workshops at Sarah Heinz House  Community Day School STEM Festival of Lights	11	12	13	14	15 VEX qualifier @ Sarah Heinz House	16
17	18	19	20	21 Quasics Holiday Party	22	23 Holiday break
24 Holiday break	25 Holiday break	26 Holiday break	27 Holiday break	28 Holiday break	29 Holiday break	30 Holiday break
31 Holiday break						

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

## Upcoming events:

- Saturday, January 6 - FRC Kickoff at McKeesport High School
- Sunday, January 7 - FRC Cross-team Brainstorming with FRobotics (4150)
- Tuesday, February 18th - FRC Stop Build Day!
- March 22-24 - Greater Pittsburgh FRC Regional at Cal U

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

# Announcements

## ***November 2017 - Student of the Month***

The Quasics Student of the Month for November is Zach! Zach is a senior and 4-year team member. He had excellent attendance throughout November and spent a lot of time teaching his new FRC teammates the tricks of our trade. Zach also spent over a dozen hours assisting our freshmen VEX teams at the end of the month as they prepare for their December 15 Qualifying Tournament.

## ***December 15th - VEX Sarah Heinz House State Qualifying Tournament***

On December 15th, our VEX teams will compete at Sarah Heinz House. The team's will be competing in *In The Zone*. Award winners at the competition will be invited to the Pennsylvania VEX State Championship.

## ***January 6th - FRC Kickoff***

January 6th officially begins the *FIRST* Power Up season. Students must have dues turned in and STIMS competed in order to go. This year, Kickoff is at McKeesport High School on Saturday January 6, 2018.

## ***FRC Build Season Schedule***

During the annual "Build Season", our FRC schedule will change dramatically to allow the completion of our robot in just six weeks. We will work on Tuesday, Thursday, and Friday from 6-9 and Saturday from 12-6. Please make every effort to attend these meetings so we can finish the robot in 6 weeks.

## ***Sarris Candies fundraiser!***

Each year Quasics holds a Sarris Candies holiday sale. While the catalog sale has concluded, you can still order online! Online orders can be made through December 15.

To order Sarris Candies online, simply visit <http://www.sarriscandiesfundraising.com/> and put your order together. Make sure it's coming from their 2017 Holiday Catalog. Quasics will get 25% of the sale, so feel free to share the information!

Group ID number: 10-1273

Group name: Gateway High School Robotics Club

## ***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 Making & Science Team, Google.org, Pat Catan's, the American Society of Mechanical Engineers, PNC Bank, The MERS Group, Sherba Family, and Bechtel National

# November 2017 Events

## CDS Demo

Thursday, November 2

Community Day School invited us down to hold a demonstration to show their kids what a robotics club is. We showed off Nike, Millie, and our SeaPerch robot.



## Pitt SciTech STEM Festival

Thursday, November 16

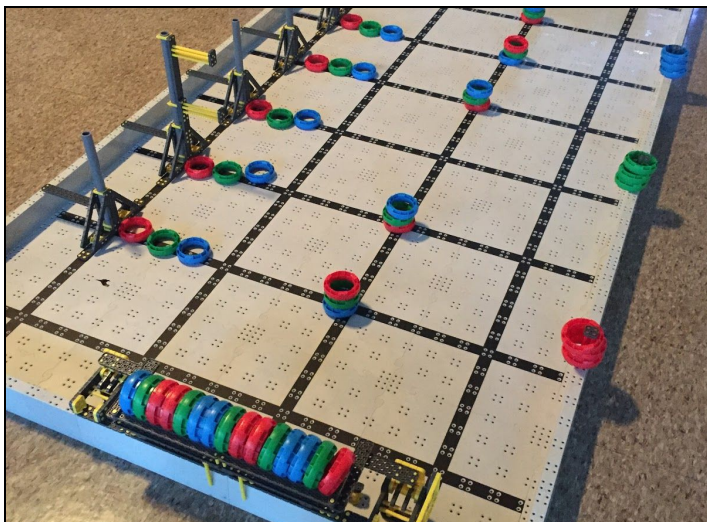
Quasics attended the PITT SciTeach Festival alongside Girls of Steel. At our booth, we had our outreach binder, trophies, Millie, and Nike. We talked to the businesses that attended as well.



## NAM Competition

Tuesday, November 28

After helping students at NAM build their VEX IQ robots, we helped run an in-house competition to see which two teams would play at Sarah Heinz House. Quasics students helped queue the teams, score the matches, and reset the field!



## LittleBits workshop at MPL Thursday, November 30

Quasics hosted our 4th LittleBits workshop. Kids learn about electricity, applicable physics equations, and how to make simple circuits.

