



## January's events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2 Girl Scouts 52301	3	4	5 FRC Kickoff!
6 FRC Brainstorming session with FRobotics	7	8 FRC meeting (Build Season)	9	10 FRC meeting (Build Season)	11 FRC meeting (Build Season)	12 FRC meeting (Build Season)
13	14	15 FRC meeting (Build Season)	16	17 FRC meeting (Build Season)	18 FRC meeting (Build Season)	19 FRC meeting (Build Season)
20	21	22 FRC meeting (Build Season)	23	24 FRC meeting (Build Season)	25 FRC meeting (Build Season)	26 FRC meeting (Build Season)
27	28	29 FRC meeting (Build Season)	30	31 FRC meeting (Build Season)		

(Note: individual team meetings are scheduled weekly and normally are not listed above; FRC build season meetings are listed, due to frequency.)

## Upcoming events:

- Saturday, February 16th, 2019 - Forest Hills VEX Qualifier
- Tuesday, February 19th, 2019 - FRC stop build day (a.k.a., "Bag and Tag")
- Wednesday, February 27th, 2019 - UP Science Fair
- Wednesday-Saturday, March 21-24, 2019 - FRC Greater Pittsburgh Regional  
( The team calendar is available at <http://quasics.org/index.php/calendar/> )

# Announcements

## ***Girl Scouts initiative [2018+]***

Quasics has recently started demonstrating for the local Girl Scout troops. We have visited Troops 52296, 46590, 52635, 52281, 52232, and 52301. We led two workshops for the Central Westmoreland Service Unit at their “Full STEAM Ahead” event in July and another in Monroeville. Since May of 2018, Quasics has inspired a total of 179 Girl Scouts and helped them earn 118 STEM 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.

## **\*\*\*NEW\*\*\* FRC Build Season Meals**

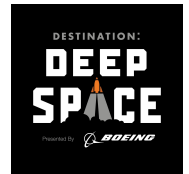
There are many long evenings and Saturday afternoons in the workshop during Build Season. If you're interested in helping fuel these busy students by sending in something for lunch or dinner, please let us know. Your assistance will be greatly appreciated!

## ***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 41 community events through January 2, totaling 113 hours and inspiring 9,324 visitors in our community! We have once again qualified as a WOW District Showcase team for our efforts in the community.

## ***FIRST Robotics Competition - Destination: Deep Space***

FIRST released our latest FRC game on January 5. Destination: Deep Space. Team will face the challenge of collecting and deploying Hatch Panels and Cargo balls to their Cargo Ships and Rockets during matches, and can then climb the platforms in their Habitat Zone for the game's finale. Check out the game animation here: [https://youtu.be/Mew6G\\_og-PI](https://youtu.be/Mew6G_og-PI)



## ***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>

## ***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!

## ***Follow us on social media!***

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

# December's Events

## **Steel City Robotics Alliance workshops Sunday December 2nd**

Quasics went down to Sarah Heinz House for the annual Steel City Robotics Alliance Fall FRC workshops. The classes were organized and run by local FRC team members, mentors, and volunteers. We all had plenty of different activities to visit and do, including dodge ball!



## **Menorah lighting Monday December 3rd**

Quasics attended Monroeville's "Light Up The Night" event at Miracle Mile Shopping Center. Visitors made their own buttons and checked out our FRC robot, Katherine.



## **Cub Scouts Robotics Badge workshop Wednesday December 12th**

Quasics hosted Cub Scouts Pack 220 as they earned their Robotics Badge. Using craft supplies, they made little robotic hands. They also built "brush bots", which are made from a toothbrush that has a motor on the back and works by vibrating the brush head to make the robot start crawling across the table.



**Parade of Trees  
at Monroeville Convention Center  
Friday December 14th**

Quasics setup and decorated a holiday tree for a charity event going on during a series of concerts. Visitors to the event were able to vote on their favorite tree!



**Children's Home Of Pittsburgh  
Wednesday December 26th**

Quasics took a day out of Winter Break to spread some holiday magic to the kids and staff at the Children's Home of Pittsburgh! We loved seeing all the kids again and letting them interact with our robots.

This was the best way for us to end 2018. We are very thankful to have been able to visit these kids again while making our community event total for this year 41 strong!



***Thank you, Quasics sponsors!***

The American Society of Mechanical Engineers, Barnes & Noble, Bechtel Plant Machinery Inc, Mr. Charles Cohen, Eat 'n Park, Google.org, Google's Making & Science Team, the MERS Group, the Rotary Club of Monroeville, and Gateway School District.