



## November's events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8 Mission Statement workshop	9	10
11 Girl Scouts Troop 52232	12	13 Univ Park STEM Night	14 AFSP Presentation	15	16	17 Barnes & Noble Demo
18	19	20	21	22 < Thanksgiving	23 break	24 -----
25 -----	26 ----->	27	28	29	30	

(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, 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, 52635, and 52281. We led two workshops for the Central Westmoreland Service Unit at their “Full STEAM Ahead” event in July and another in Monroeville. In total, Quasics has inspired a total of 142 Girl Scouts and handed out 81 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.

## ***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 35 community events through the end of October, totaling 95.5 hours and inspiring 5,232 visitors in our community!

## ***FRC'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!



## ***Ed.Co online fundraising platform***

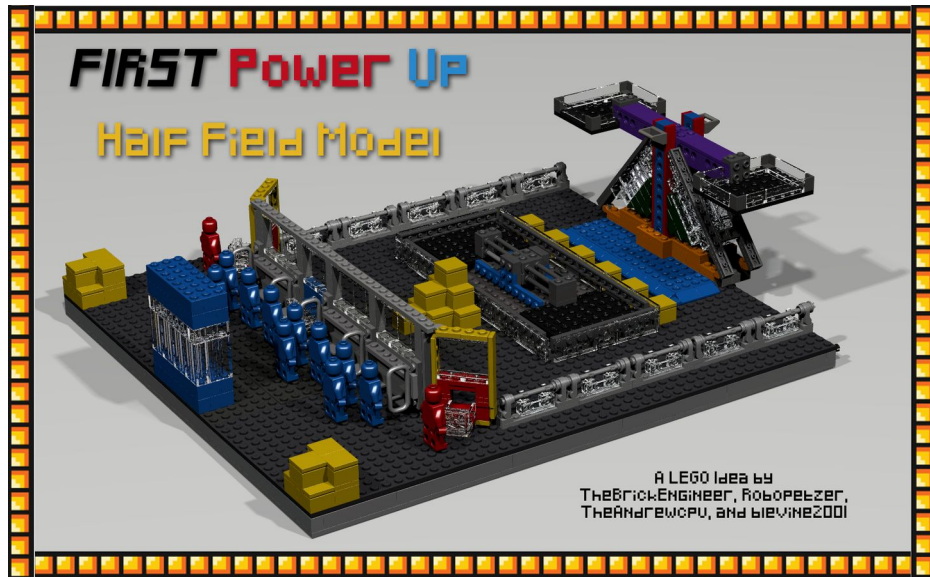
Edco is an online platform that acknowledges the nonstop time commitments and struggle of fundraising, so they use modern technology to make it easier. It is accessible and simple to use. We are asking that you visit the link below and help our teams by making a donation. With your support, we can continue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

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

## ***FIRST 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!

### ***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, and Gateway School District.

# October Events

## Girl Scouts STEM Badge workshop Monday, October 1

Quasics held a STEM badge workshop for our local Girl Scouts troops!

Daisies earned the What Robots Do Badge. They learned about what robots do in everyday life, and designed their own robot on paper.

Brownies earned the Fling Flyer Badge, learning about aerodynamics and flight.

Juniors earned the Balloon Car Badge. They designed, built, and tested balloon-powered cars.

Overall, we handed out 13 STEM badges!



## Girl Scouts Troop 46710 Tuesday, October 2

The day after our Girl Scouts badge workshop we showed our robots to Troop 46710.

We brought Millie, arts and crafts, BB-8, and Katherine. The kids really seemed to enjoy driving and BB-8!

Everyone there was really nice and we are looking forward to returning.



## Girl Scouts Troop 26185 Sunday, October 7

To kick off the week Quasics went to Emmanuel Lutheran Church for another Girl Scouts STEM badge workshop!

The Juniors earned the Designing Robots badge and built cardboard prototypes of their robots. We were impressed by how quickly they built the prototypes.

For the first time in Quasics history, Coach Sean got to personally hand out the STEM badges!

Congratulations to Troop 26185!





**Monroeville Public Library STEM Expo  
Saturday, October 14**

Quasics went to one of our favorite places to demonstrate: the Monroeville Public Library.

For the STEM Expo we took Cozmo, Millie, our new VEX V5 robot, Sphero, Katherine, balloon cars, and art supplies!

The children made over thirty balloon cars and many more buttons. They drove our new V5 robot and Millie.

We inspired 286 people!



**PGH Sci Tech Academy STEM Festival  
Thursday, October 18**

Our last demo before Rochester was held in North Oakland at the Pittsburgh Science and Technology Academy.

We took Katherine, Millie, and our art supplies. Demonstrating there with us was Google, Girls of Steel, and many more! We inspired the students attending Sci Tech Academy and their parents.

We had over 100 visitors!



**Quasics Parent Meeting  
Tuesday, October 23**

We held a parent meeting to inform parents about what, when, how, and why we do this, in addition to how this club impacts us and our future, and how they can help us.

Thank you to the parents and students who keep this club running, along with our Coaching Staff!



**Ra Cha Cha Ruckus!**  
**Saturday, October 27**

Quasics traveled to the Healy's hometown of Rochester, NY. This was a big event for us, to have traveled out of state and to get team hotel rooms!

We finished 17th out of 44 teams. On top of that we made a new friend in Team 7659 HNMCS, a pre-rookie team from Canada! They were really nice and we can't wait to see them in Destination Deep Space.

Quasics was presented with our second Best Defender Award this season, known at Ruckus as the Ghostbusters Award! Congrats to 7659 on the Team Spirit Award!

Thank you to everyone who supported us this season with *FIRST* Power Up, we can't wait to launch into Deep Space with your support!



**Girls Scout Troop 52281 Demo**  
**Monday, October 29th**

We had our first demo with a Girl Scouts Cadette Troop at University Park Elementary School!

Something new and fun we did was play soccer with Katherine! The girls seemed to love trying to score on her, and liked learning about her.

There was also our arts and crafts, Millie, and Sphero. We loved doing this demo and can't wait to do badge workshops with the Cadettes!



## **Preschool Trick-or-Treating Monday, October 31st**

Our high school has a preschool class and the students there get into many fun activities throughout the school year! One thing they do is come in wearing their Halloween costumes and walk around the high school to collect candy!

Quasics was out there yesterday morning to participate in their trick-or-treating walk. We brought out Katherine (2018) and Grace (2015) as well as a Power Cube full of candy and stickers!

