



December's events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2 SCRA FRC workshops	3 Menorah Lighting at Miracle Mile	4	5	6	7	8
9	10	11	12 Cub Scouts Pack 220 workshop	13	14 Monroeville Parade of Trees	15 Monroeville Parade of Trees
16 Monroeville Parade of Trees	17	18	19	20 Quasics Holiday Party	21	22
23	24	25	26	27	28	29
30	31	1	2 Girl Scouts	3	4	5 2019 FRC Kickoff

(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/calendar/>)

Announcements

Girl Scouts initiative [2018+]

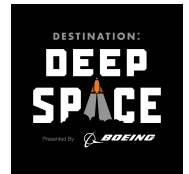
Quasics has recently started demonstrating for the local Girl Scout troops. We have visited Troops 52296, 46590, 52635, and 52281. We led two workshops for the Central Westmoreland Service Unit at their "Full STEAM Ahead" event in July and another in Monroeville. Since May of 2018, Quasics has inspired a total of 158 Girl Scouts and handed out 97 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 37 community events through the end of November, totaling 107 hours and inspiring 5,391 visitors in our community!

FRC Kickoff 2019

FIRST delivered a teaser for next year's FRC game, "Operation Deep Space". [Check it out!](#) The 2019 FRC Kickoff will be held on Saturday January 5, 2019. Quasics is scheduled to attend the Kickoff event at Penn State - Greater Allegheny in the morning, and then reconvene at the high school for a manual readthrough and Kit of Parts inventory. We are also planning to meet up with our friends at FIRST Team 4150, FRobotics, on January 6 for our annual game breakdown and strategy session!



Ed.Co online fundraising platform

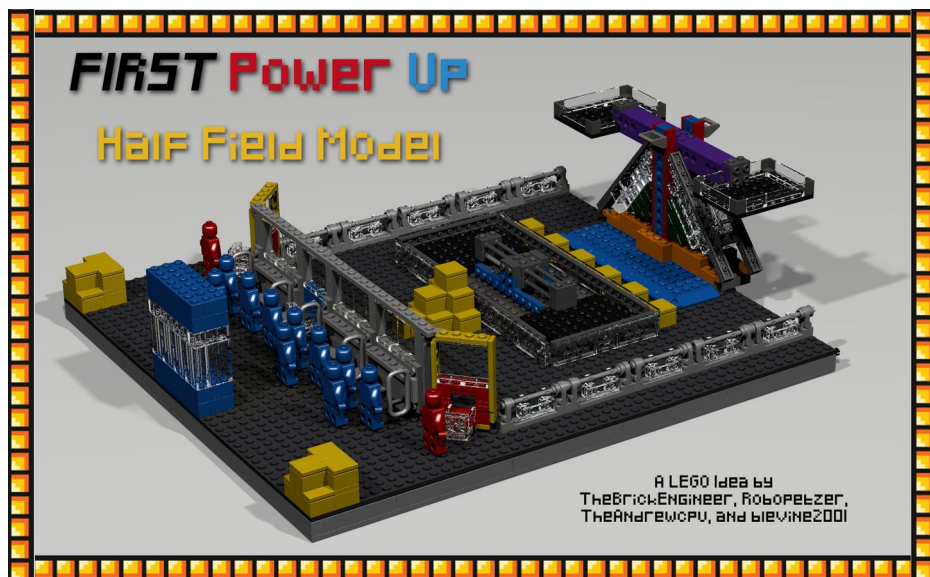
Edco is an online platform that acknowledges the nonstop time commitments and struggle of fundraising, so they use modern technology to make it easier. It is accessible and simple to use. We ask that you share the link below and help our team secure donations. With everyone's support, we can continue 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!

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November Events

Girl Scouts Troop 52232 STEM Badge workshop Sunday, November 11th 6:00 - 7:45P

Quasics was invited out to Avonworth to hold a STEM Badge workshop for Junior Troop 52232 of the Girl Scouts. They were working to earn their *Designing Robots* badge!

We discussed the concept of intelligence and then brainstormed issues that robots could help solve.

Once they sketched what their robots might do, they built prototypes from common craft supplies. Finally, they presented their prototypes to the group.

After the presentations we handed out the *Designing Robots* Badge to each Scout and capped the event with a demonstration of our FRC robot, Katherine!



Barnes & Noble Book Fair / Demonstration Saturday, November 18th 10:00A - 8:00P

Our local Barnes & Noble Booksellers has hosted us for in-store demonstrations twice per year since 2015. Our fall event was combined with a Book Fair to help raise funds for our program.

Nearly 150 visitors were able to check out our FRC robot up close, drive our VEX demonstration robots through a maze, pilot Sphero robots, play games with Cozmo, make buttons, and so much more!

We are so grateful to Barnes & Noble at Monroeville Mall for their continued support of our program!

