

# QUASICS

## ROBOTICS CLUB

### Monthly Newsletter

(April 2017)

#### April's events:

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8 FRC post-season scrimmage  SeaPerch Regional  B&N Spring Demo
9	10	11	12 ARM demo at NREC	13	14	15
16	17	18 School Board presentation	19	20	21	22
23	24	25	26	27	28	29
30						

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

## Upcoming events:

- Friday & Saturday, 05-06May - MARS New Year festivities and FIRST demos (Mars, PA)
- Saturday, 13May - Spring STEM demo (Monroeville Public Library)
- Thursday, 18May - Preschool Carnival
- Tuesday, 23May - Robotics Club - Officer Elections
- Thursday, 25May - End of Season Party (Gateway HS)
- Saturday, 27May - WOW Alliance Championship (Westerville, OH)
- Tuesday, 04Jul - Independence Day Parade
- Saturday, 05Aug - Steel City Showdown (Cohon Center at Carnegie Mellon University)
- Saturday, 23Sep - MVRC (Youngstown, OH)

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

## Announcements

### **\*\*NEW\*\* Quasics qualified for WOW Alliance Championships!**

Quasics' end of season party will be held at Gateway High School at 6:30PM on Thursday, May 25th. It's been a fantastic year (which actually isn't over yet, with the WOW Alliance championship that weekend!), and we are looking forward to getting together as a family to look back at what we've done, and to say goodbye to our members that are moving on to new chapters of their lives.

All of our sponsors are welcome to come join us for the celebration, and we will be reaching out to you with information about the event. Alternatively, feel free to send a note to [contact@quasics.org](mailto:contact@quasics.org) to let us know if you'll be able to join us: we'd love to see you there!

### **\*\*NEW\*\* Quasics qualified for WOW Alliance Championships!**

The Quasics FRC team has qualified for the first-annual WOW Alliance District Championship. In previous years, this off-season event was the Ohio State Championship, but with the expectation that they will eventually be moving to a District model that will also include teams from Western/Central Pennsylvania and West Virginia, they have opened up the scope of the event to include teams from those areas. Quasics ranked 20th out of the 88 teams in contention, and were honored to accept the invitation to compete in this one-day event on May 27th in Westerville, Ohio at the Rike Center (Otterbein University).

### **FIRST STEAMWORKS and STRONGHOLD Lego Sets**

Please help to make an Official LEGO® set for FIRST® STRONGHOLD become a reality! Two members of FRC Team 810 ("The Mechanical Bulls"), from Smithtown, NY, USA, created versions of the fields for both STEAMWORKS (this year's game) and STRONGHOLD (last year's) using LEGOs, and have started the process to turn them into official LEGO sets that could be purchased! Go [here](#) to vote for the STEAMWORKS set, and [here](#) to vote for the STRONGHOLD set. (And, yes, you can *absolutely* vote for both.)

Please note that you need to make an account to vote, but it takes less than a minute to make one. ALSO: make sure you leave a nice comment and sign it 'FRC2656' after you vote. The 6 teams that voted the most will have their team banner featured in the set!!


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

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

## March 2017 Events

### Western PA VEX Championship March 4, 2017

Our VEX teams played in the W.PA VEX State Championship on March 4 at Sarah Heinz House! Both teams finished 5-3-0. 9656A was ranked #7 and was drafted into the #4 Alliance. 9656B was ranked #9 and served as the #6 Alliance Captain. B lost in the Quarterfinals and A lost in the Semifinals.



QUASICS

# W.P.A VEX CHAMPIONSHIP

## 9656A (5-3-0) #7

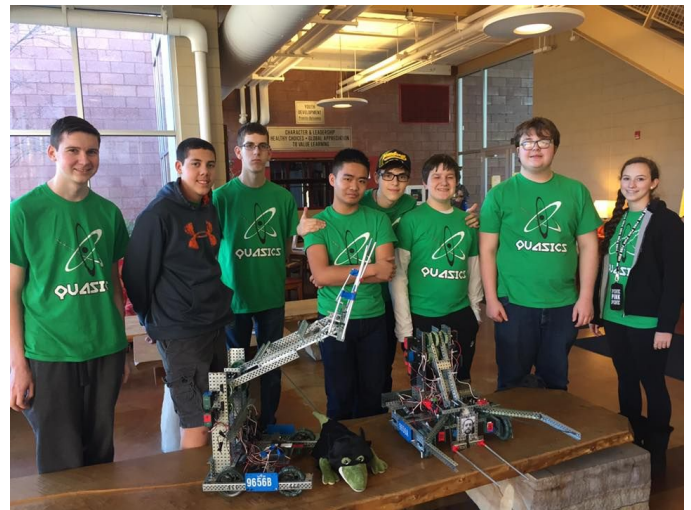
Match	Field	Alliance	Opponents
5	1	99253A	3281B 16101C
11	1	464F	3701B 404A
16	2	3260A	3281B 464X
19	1	56054A	9656B 464T
25	1	464X	1111A 3260B
34	2	464Z	16101F 814F
40	2	16101E	3701B 16101A
45	1	16101B	3281A 404X

## 9656B (5-3-0) #9

Match	Field	Alliance	Opponents
2	2	1140B	464H 814F
10	2	16101G	99253A 16101B
13	1	16101F	16101D 16101E
19	1	464T	9656A 56054A
26	2	464A	99253A 3281A
31	1	464F	16101A 464X
37	1	464Z	3701A 3281B
47	1	1111A	3260A 16101C

ViewSonic

HDMI

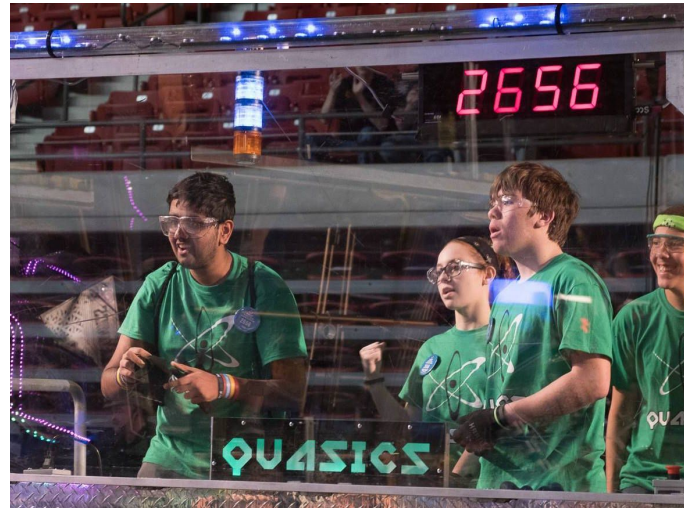


## Greater Pittsburgh FRC Regional March 16-18, 2017

Quasics celebrated our 10th FRC season with an *amazing* Greater Pittsburgh Regional!!! The drive team piloted Nike to a Quasics-best 6-4-1 record and #16 finish. 2656 was drafted in the second round by the #5 Alliance (156 and 302) and narrowly escaped the Quarterfinals before being defeated in the Semifinals by the #1 Alliance and eventual Regional Winners (2252, 359, 3954). Everything at the Regional was vastly improved this season, from our on-field play to our Pit, Safety and Judges materials. We are eagerly looking forward to ten *more* seasons and so much more!

### FRC Competition Highlight Reel

<https://www.youtube.com/watch?v=lcQ47VTq0NM>



## VEX IQ Tournament March 20, 2017

Quasics assisted the North American Martyrs Robotics Club during their first-ever VEX IQ Tournament. Nearly 20 NAM students in grades 3-7 participated while Quasics members served as field builders and scorekeepers. Ebru was even an honorary VEX IQ team member!





**Team Party**  
**March 21, 2017**

Team members got together to celebrate Coach Sean's birthday!



**Cub Scouts - Pack 90 Demo**  
**March 24, 2017**

13 Quasics students and coaches staged a multi-station robotics demonstration for Pack 90 of the Cub Scouts in Forest Hills. We had VEX and FTC robots driving around on a field, our FRC machine on display, a SeaPerch robot, and even a custom gantry-style drawing robot created by Coach Antonio. The Scouts could also draw their own robots and make special buttons!

