

1<sup>st</sup> Annual South Forsyth High School VEX Robotics Camp



This summer, South Forsyth High School will be hosting their 1<sup>st</sup> Annual SFHS VEX IQ/VEX VDR robotics camp. The camp is designed to peak the interest of a student in the area of robotics. Rising 3<sup>rd</sup> – 5<sup>th</sup> graders will be introduced to VEX IQ robotics while rising 6<sup>th</sup> – 9<sup>th</sup> graders will be introduced to VEX EDR robotics. Students will be able to learn about robot design, build aspects, programming, and competition of VEX robotics.

The camp is a one-week camp June 5<sup>th</sup>– 9<sup>th</sup>, at the South Forsyth High Engineering Rooms 182 and 183. Times are 8:00 a.m. – 12:00 p.m. Please be on time for delivery and pickup as students may miss important learning experiences and our volunteers will need to be able to attend afternoon activities.

All proceeds from the camp will help South Forsyth High School Students attend the TSA National Conference in Orlando, FL, this summer.

Day 1: Students will be introduced to the design challenge, parts of the robots and begin designing and building the robots.

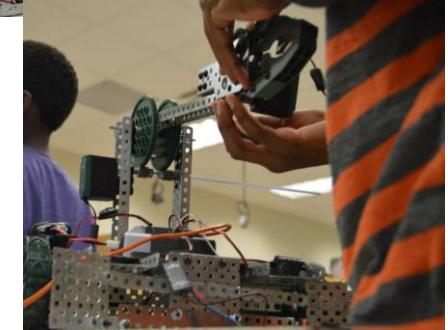
Day 2 is a build day students should finish their robot base and begin building their specialized mechanism for the game.

Day 3: Students will finish their special competition components and wire the electrical components.

Day 4: Students will finish robot construction and learn Robot C Programming for VEX robotics.

Day 5: Students will practice and have a competitive tournament to decide the overall camp champions.

All Students will receive a camp t-shirt to be worn on the last day of camp, a camp attendance certificate, and trophies for 1<sup>st</sup> place, 2<sup>nd</sup> place, 3<sup>rd</sup> place and participation, depending on what place they finish in.





## How does the camp help our students?

All proceeds from the camp will help South Forsyth High School Students attend the TSA National Conference in Orlando, FL, this summer.

Any leftover funds help us purchase items needed for TSA the Technology Student Association and our VEX Robotics and FIRST ROBOTICS Programs.

As camp counselors our students also gain the valuable experience of being the teacher, by working with your students to understand the role of teaching others how to complete a task. This is a valuable internship opportunity for our students.



## Our Successes

Successes made possible due to the camp fundraiser:

- TSA Outstanding Chapter 1st Place – 2017
- 1<sup>st</sup> place in the following TSA State Competitions:
  - Computer Integrated Manufacturing
  - Systems Control Technology
  - Georgia Electrathon Rally
  - Scientific Visualization
  - VEX Robotics
  - Engineering Design
  - 3D Animation
- Top 48 finishers including 7 first place trophies at the State TSA Conference. – 2017
- TSA E-CAR 1<sup>st</sup> Place – 2017
- TSA VEX Robotics 2<sup>nd</sup> place at State VEX
  - 4 teams Qualified for Worlds VEX
  - Won 24 Event Trophies in 2017
- FRC 5<sup>th</sup> place in Worlds FRC event.
- FRC State Finalist at Peachtree
- BEST Robotics – BEST Award Winners



## Camp Options

**VEX IQ Camp:** For rising 3<sup>rd</sup> – rising 5<sup>th</sup> grade students. Spots available 25. For \$150.00 students will learn how to build, program, and compete with a VEX IQ robot system during the course of the 1-week camp.

**VEX EDR Camp:** Students rising 6<sup>th</sup> – rising 9<sup>th</sup> grades can participate in the VEX EDR Camp. Spots available 25. For \$150.00 students will learn how to build, program, and compete with a VEX EDR robot system during the course of the 1-week camp.

On Friday June 9<sup>th</sup> students will have a competition for their robot design. Parents are encouraged to join us and see how their students have progressed through the week on their robot design.

**The camp fee for VEX IQ is \$150.00 for VEX EDR is \$175.00 per student for the week of June 5<sup>th</sup> – 9<sup>th</sup>, 2017. Registration closes June 2<sup>nd</sup>, 2017.**

## Payment Information

All Payments must be made on the following website: [www.mypaymentsplus.com](http://www.mypaymentsplus.com)

**Once you have completed the payment to reserve your seat, please send an email with your mypaymentsplus.com receipt # to:**

[jolney@forsyth.k12.ga.us](mailto:jolney@forsyth.k12.ga.us) and you will receive a link to fill out with your contact information and your child's t-shirt size information.