

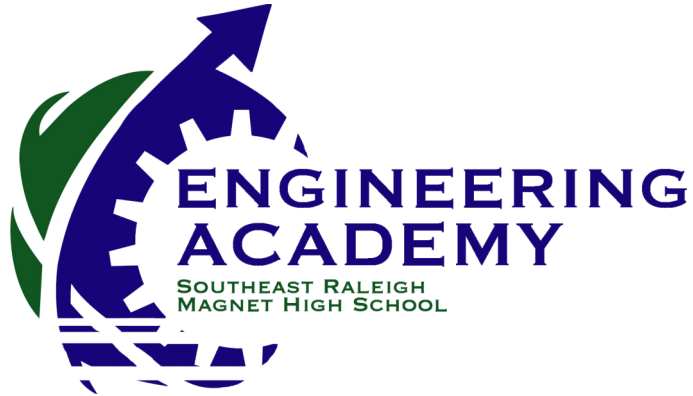


PURPOSE:

To raise the level of interest in STEM and Engineering related fields in middle school females.

Rising Juniors and Seniors from the Engineering Academy at SRMHS will serve as mentors

"AN OPTIMIST WILL TELL YOU THE GLASS IS HALF-FULL;
THE PESSIMIST, HALF-EMPTY; AND THE ENGINEER WILL TELL
YOU THE GLASS IS TWICE THE SIZE IT NEEDS TO BE"



Comments from 2017 summer camp participants:

"The camp was very creative and fun, it releases our imagination into the things that we create for engineering. The notebooks were a good idea and I think the camp was absolutely perfect and fun! "

"They gave us support and helped us get through the challenges that we faced. They are also a lot of fun to have along."

"I definitely enjoyed the mentors A LOT. I bonded with them and had a great time. They were so helpful and helped me learn so much. I especially liked the mentors from this year. "

For more information or to register
contact Mr. John Geraghty
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STEM SUMMER MENTORSHIP CAMP FOR GIRLS

JUNE 25-29 2018

**SOUTHEAST RALEIGH
MAGNET HIGH SCHOOL**



ACTIVITIES

Before the week at Southeast Raleigh: Five homework assignments completed with their mentors (electronic contact only), such as bio-protection, basic circuit simulation, bend-it simulations, etc.

During the week at Southeast Raleigh: Teachers will give instructions on the 4 general disciplines of engineering; Civil, Electrical, Chemical, and Mechanical engineering. Including at least **one hands-on activity per day**. Campers will go on at least **three different field trips**. Field trips will include a Nuclear Power Plant, Electrical Device companies and other opportunities in the triangle area.

After the week at Southeast Raleigh: Use the bridges, Arduino boards and other equipment completed in class to complete additional, project assignments with their mentors.

DESCRIPTION

A one-week mentorship for rising 8th grade girls to encourage them to study engineering. Each girl receives a mentor through three weeks of engineering activities. One week is resident at Southeast Raleigh High school from 8:30AM -4PM. The other two weeks are homework one week before camp and project one week after camp. Lunch is included each day.

Why Southeast Raleigh Magnet High School?

Southeast Raleigh Magnet High School is known for its excellent Engineering Academy. Therefore it has state of the art equipment including flight simulators and a 3-D Printer.

Cost - \$250 for the week, includes lunch, field trips and a camp t-shirt.



2017 Campers and Mentors on our field trip to Duke Energy's Harris Nuclear Plant.

In compliance with federal law, Wake County Public School System administers all education programs, employment activities, and admissions without discrimination against any person on the basis of gender, race, color, religion, national origin, age, or disability.