

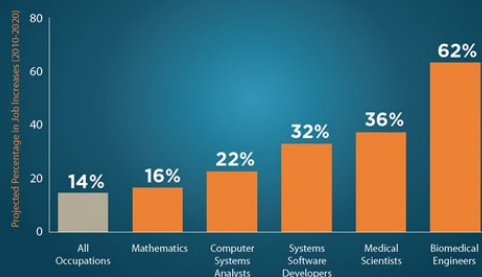
STEM: THE NEED

The Pike County School System is dedicated to preparing its students for the educational and career challenges of tomorrow. Science, Technology, Engineering, and Mathematics or STEM Education provides Pike County School System students with additional exposure to STEM concepts, while enhancing peer collaboration, problem solving, and creative thinking skills. The STEM Academy is an educational innovation of the Pike County Schools – designed to enhance overall STEM skills in order to better prepare already well-equipped students for post-secondary education and ultimately STEM careers.

STEM – Building towards the future!

(US Department of Education, 2017)

PROJECTED PERCENTAGE INCREASES IN STEM JOBS: 2010-2020



For more information regarding the Pike County Schools STEM Academy or any other academy, contact your high school guidance counselor.



The Pike County Virtual High School does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

CONTACTS

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STEM ACADEMY

Virtual
HIGH SCHOOL

STEM EDUCATION

INSPIRING ...

CHALLENGING ...

INNOVATING ...

PIKE COUNTY SCHOOLS

101 WEST LOVE STREET

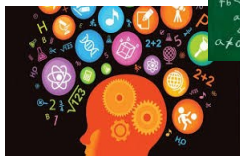
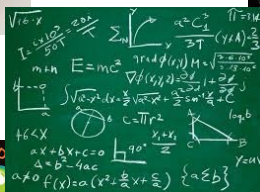
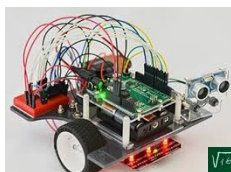
TROY, AL 36081

(334) 566-1850

PROGRAM OF STUDY: MATH/SCIENCE IMMERSION

The Pike County School System's Dual Enrollment STEM Academy is an extension of the elementary/middle school STEM initiative started during the 2015-16 school year. This Dual Enrollment STEM Academy offers college courses that emphasize higher level mathematics and science concepts while continuing to integrate hands-on, practical application STEM activities.

This 3-year program, in cooperation with Troy University, will offer these highly motivated students with challenging STEM material while earning college credit for future STEM-related instruction/education and careers. Although not leading to an Associate Degree upon completion of High School, the credit hours earned will be a tremendous boost for the students' futures and to the overall STEM community.



- Learn and apply content
- Integrate content
- Interpret and communicate information
- Engage in inquiry
- Engage in logical reasoning
- Collaborate as a team
- Apply technology appropriately

For consideration into the STEM Academy, students must:

- Enroll in a Pike County School
- Apply in the 9th grade
- Have a GPA of 3.0 or higher
- Have ACT or ACCUPLACER Scores of:
 - ACT
 - * 20 or higher in English/Writing
 - * 23 or higher in Mathematics
 - ACCUPLACER
 - * English 1101 qualifying score
 - * Math 1112 qualifying score
- Have good attendance
- Have good discipline/conduct
- Be in overall Good Standing with their school
- Submit a completed academy Application
- Submit a transcript
- Obtain a recommendation form from administrator (school or district)
- Obtain a recommendation form from 3 teachers
- Write an essay – 125-200 word explaining why you would be an excellent candidate for one of our academies.

-Albert Einstein

"To raise new questions, new possibilities, to regard old problems from a new angle, requires creative imagination and marks real advance in science."

