

# Pike County STEM Academy

Pike County High School

331 Pirate Drive - Zebulon, Georgia 30295

The first Agricultural focused program in Georgia to earn STEM Certification in May of 2018, the Pike County STEM Academy strives to produce creative problem solvers who demonstrate learning through project-based adaptations of science, technology, engineering, mathematics, and agriculture. Through the Engineering Design Process and interdisciplinary STEM project-based experiences, students engage in authentic problem solving, persevere through challenges, and connect their learning to the real-world.

Students in the academy experience a collaborative instruction model in which Science, Mathematics, Agriculture, and English Language Arts are taught in consecutive class periods to allow extended time for project based learning. This model is utilized during students' freshman, sophomore, and junior year. Students' senior year includes additional Advanced Placement courses, Dual Enrollment, or an Agricultural Research Internship at the University of Georgia Griffin Campus. The success of the internship program is a highlight of the STEM Academy. Interns' work at UGA Griffin includes peer reviewed research, food product development, and publication in industry journals.



Class of 2017 UGA STEM Interns



Class of 2018 UGA STEM Interns

The first Pike County STEM Academy cohort graduated in 2016. Since their freshman year the STEM Academy has contributed to Pike County FFA's amazing growth, from less than 100 students in 2012 to the largest FFA chapter in Georgia for the class of 2018. STEM Academy students have excelled in FFA events, earning multiple state championships and a top five finish at the 2017 National Convention.

For more information please visit [www.Pike.k12.ga.us](http://www.Pike.k12.ga.us) or email James Stanford at [StanfoJ@pike.k12.ga.us](mailto:StanfoJ@pike.k12.ga.us) .

