

Kennesaw Mountain High School Academy of Mathematics, Science, & Technology

<http://kmhsmagnet.com/>



Educate for the Future



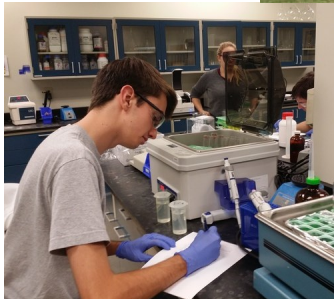
Certified **STEM** Program



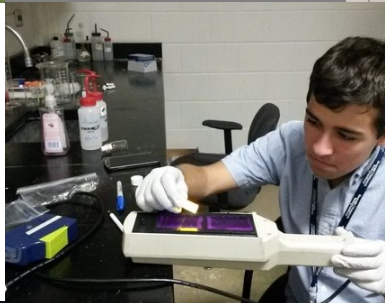
Science



UNLEASH YOUR
CURIOSITY



Mathematics



Technology



Fine Arts



Research & Internship



Athletics



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Overview

The Academy Mathematics, Science & Technology is a Georgia Certified STEM Program. Students enter the Academy as freshmen through a competitive application process and progress through the coursework at an accelerated rate so that they can participate in courses beyond those found in traditional high schools. The capstone for seniors is a field experience/internship with a local institution of higher learning, professional group, or business, combined with college-level scientific research.

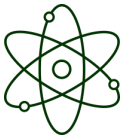
Mathematics



The mathematics advanced placement and post AP courses offered are: AP Calculus AB, AP Calculus BC, AP Statistics, Multivariable Calculus (post AP), and Advanced Mathematical Topics (post AP).

Science

The science advanced placement and post AP courses offered are: AP Biology, AP Chemistry, AP Environmental Science, AP Physics I, AP Physics C Mechanics, Advanced Research (post AP), Advanced Internship (post AP), and Advanced Genetics/DNA Research (post AP).



Research & Internship



As a capstone, students in the academy conduct scientific research while enrolled in Advanced Scientific Research, blocked with Advanced Science Internship. Students read published scientific literature and then design and complete applicable research. Advanced knowledge and skills acquired while completing AP Biology, AP Chemistry, AP Environmental Science, and/ or AP Physics are applied. Students participate in laboratory research either by developing and executing their own research or by participating in an on-going research with a mentor.

Technology, Fine Arts, & Career Tech



Students interested in academics as well as technology, fine arts, and career opportunities may explore their passions. Students in the Academy will be able to select a fine arts concentration and earn an additional seal and honor graduation cord if they fulfill necessary requirements.



Athletics



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