

## CAREER CLUSTERS & PATHWAYS

Depending upon their interests and needs, students in the Governor's STEM Academy will choose courses from three career clusters:

- ✿ **MARKETING** - Global Entrepreneurship and Technology
- ✿ **INFORMATION TECHNOLOGY** - Programming and Software Development
- ✿ **STEM** - Engineering and Technology



*Each career cluster has a co-curricular club and students are encouraged to participate.*



## Our Commitment To You

- ✿ Promote a safe learning environment
- ✿ Communicate high standards and expectations
- ✿ Provide a vibrant and nurturing school culture
- ✿ Create a sense of belonging
- ✿ Promote rigor, relevancy & relationships
- ✿ Ensure opportunities to grow and learn

Principal

Mike Perez

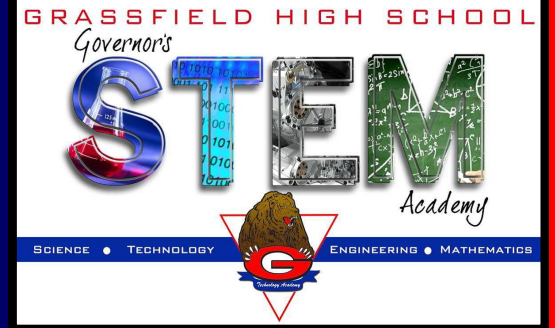
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**A NEW  
ADVENTURE  
IN LEARNING**

## APPLICATION PROCESS

Chesapeake students interested in applying for The Governor's STEM Academy will apply while in eighth grade. Accepted candidates will be enrolled full-time at Grassfield High School for grades 9-12. Multiple criteria will be used to screen applicants as follows:

- Teacher recommendations
- Parent recommendations
- Achievement data
- Evidence of interest in STEM as demonstrated through a short essay and a portfolio of work.

Applications will be available from middle school counselors in December.

### Application due dates:

Part A—December 15, 2016

Part B—January 17, 2017.

### TARGET POPULATION

The target population is students from across Chesapeake who envision themselves pursuing a STEM oriented career and/or who demonstrate a particular talent or interest in the field of technology.

## PROGRAM GOAL

The overall goals of The Grassfield High School Governor's STEM Academy is to provide students with STEM enriched 21st-century technological skill and knowledge necessary to succeed in postsecondary education and the work force.



### OBJECTIVES

The student will be able to:

1. Successfully complete a state-approved, sequential program of study that focuses on critical technical skills and knowledge.
2. Extend knowledge through internships, mentorships, and job-shadowing in the field of technology.
3. Create an exit portfolio of exemplary work for future use.
4. Attain industry certification(s).

*The Chesapeake Public School system is an equal educational opportunity school system. The School Board of the City of Chesapeake also adheres to the principles of equal opportunity in employment and, therefore, prohibits discrimination in terms and conditions of employment on the basis of race, sex, national origin, color, religion, age, or disability.*

## FEATURES

- Cutting-edge curriculum designed for highly-motivated students who exhibit an affinity for technology
- Instruction by highly trained, industry certified instructors
- Plentiful opportunities to learn about Science, Technology, Engineering, and Mathematics (STEM) fields and related careers
- Personal career counseling in the STEM field
- Personal college counseling relative to opportunities for STEM degrees
- Experience in academic-industry partnerships, such as guest speakers, field trips, mentorship, and job shadowing
- State-of-the-art equipment and software

### CLASSROOM TECHNOLOGY AT GRASSFIELD

Wireless Network

Ceiling Mounted LCD Projectors

Wall Mounted SmartBoard

Wireless Keyboard

Sound Enhancement System

Digitized Video

Document Camera