WHO IS ELIGIBLE TO APPLY FOR THE STEM ACADEMY?

Students must have completed the following courses by the end of their Freshman year in order to be eligible for acceptance into the STEM Academy.

♦ Honors Geometry or Honors Algebra II
♦ Honors Biology
♦ Introduction to Engineering Design or Computer Science Principles
  (Principles of Biomedical Sciences accepted for Biomed students)

Applications available from your school's guidance office or online at: https://www.ccps.org/domain/51

School Counselors will be meeting with each student individually to plan their course schedule for the 20-21 school year. Be sure to take the completed application and essay with you to your meeting.

The application deadline is April 15, 2020.

Additional Requirements for STEM Academy:

- 6-7 Math credits:
  (2 credits at the AP and/or college level is required)
- 5-7 Science credits:
  (2 credits at the AP and/or college level is required)
- Completion of an Honors Capstone Project
- Presentation of your Capstone Project at the Annual Gallery Walk

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Executive Director
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Executive Director
Secondary Education

Our Mission: is to provide an excellent prekindergarten through graduation learning experience that enables ALL students to demonstrate the skills, knowledge, and attitudes required for lifelong learning and productive citizenship in an ever-changing global society.

Nondiscrimination Statement
The Cecil County Public Schools does not discriminate in admissions, access, treatment or employment in its programs and activities on the basis of race, color, gender and gender identity, age, national origin, religion, sexual orientation, or disabling condition.
What is the STEM Academy?

The STEM Academy is a rigorous program of study designed to prepare students for the academic demands and challenges they will face in college.

The curriculum offered is designed to be fast-paced, interdisciplinary, and challenging. The opportunity to use professional laboratory equipment, engage in problem-solving activities, as well as develop time management, and study skills needed for success in college are the hallmarks of the STEM Academy.

Students will have the chance to work alongside a real-world engineer or scientist mentor during the grade 11 Honors Research and Design Capstone Course. The curriculum for the STEM Academy is a combination of prescribed courses with plenty of room for electives that gives our STEM Academy students a well-rounded education.

What is the Purpose of the Capstone Project?

The Capstone Project is some of the most rewarding, exciting, and challenging experiences students will have in their high school career.

The project is a research investigation conducted by the student with assistance from an engineer, mathematician, or scientist assigned as their mentor. Many students use their Capstone Project experience as part of their college admissions application.

The students have the privilege to present their work at the annual Gallery Walk of Capstone Projects in May. This event is attended by college representatives, members of the Department of Defense, local dignitaries, and school officials.

This is where the students can demonstrate the knowledge and skills they have acquired during their time in the STEM Academy.

All accepted students are invited to attend the STEM Academy Summer Camp. This year’s camp will be June 17-19, 2020 and based out of North East Middle School.

It is an exciting and memorable time for you and your family!

For more information about the program or the application process, please contact your school guidance office or a member of the staff listed below.

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Applications are available online and from your Guidance Office.
https://www.ccps.org/domain/51