

Academy of Science, Math & Technology

Recommended Program Planner

The Science, Math & technology Academy is designed for students with a passion to use science and mathematics to solve problems. Students develop communication, collaboration, and research skills that will prepare them for careers in mathematics and science.

This is a sample planner that may be tailored to meet a student's individual needs. Students should work with their counselor to create a successful four-year plan. All students must take prescribed English, math, science, social studies, and other courses required for a Maryland high school diploma.

Grade 9	Grade 10	Grade 11	Grade 12
English	English	English	English
Mathematics	Mathematics	Mathematics	Mathematics
Social Studies	Social Studies	Social Studies	Social Studies or Academy Course
Science	Science	Science	Science or Academy Course
Elective Course	Health and Physical Education	Elective Course or Academy Course	Academy Course
Foreign Language	Foreign Language	Foreign Language or Academy Course	Academy Course
Connections	Academy Course	Academy Course	Senior Capstone Experience

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| <p>Sample Academy Courses</p> <ul style="list-style-type: none"> <i>Computer Programming</i> <i>CISCO/Network Management</i> <i>Pre-Engineering</i> <i>Forensics</i> <i>AP Environmental Science</i> <i>Genetics</i> <i>Linear Algebra</i> <i>Robotics</i> | <p>Foreign Language</p> <ul style="list-style-type: none"> <i>Spanish</i> <i>French</i> <i>Latin</i> <i>Arabic</i> <i>Japanese</i> | <p>Elective Course Work</p> <ul style="list-style-type: none"> <i>Fine Arts/Music</i> <i>Technology/Computer Science</i> <i>Physical Education</i> | <p>Academy Pathways</p> <ul style="list-style-type: none"> ▪ Computer Programming ▪ Computer Maintenance, Repair & Networking ▪ Engineering Technology ▪ College-bound Engineering ▪ Skilled Trades ▪ Medicine ▪ Forensic Science ▪ Environmental Science |
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