



In keeping with the global STEM initiatives and in response to the increasingly technology driven job market, the Middletown Public School District is excited to offer a "S T E M Pathway" program of study for our high school students. The purpose of the S T E M pathway is to provide our students with a solid foundation in the core S T E M subjects that prepares them well for post-secondary college and career plans as well as to equip them with the skills necessary to compete in this global society.

Students in eighth or ninth grade who are interested in the STEM Pathway must meet with their guidance counselor to enroll effective the following school year.

- Once enrolled in the S T E M Pathway, students will follow a clearly defined sequence of courses as explained on the following page. This will include 20 credits of Math, 20 credits of Science, and 20 credits of STEM electives.
- The S T E M cohort of students, as created by Guidance, will be linked with Naviance. This link will keep students informed regarding STEM college visits, field trips, assemblies, internships, etc.
- Students will work with the mathematics and science teachers and the guidance counselors who will assist them as they follow the pathway in helping to determine future S T E M-related study as they move into college and careers.
- The S T E M Pathway will have a corresponding component in our Senior Internship Program to provide those high school seniors enrolled in the Pathway the opportunity to get valuable field experience in S T E M-related fields.
- Students will be expected to maintain a minimum of a 70 average in order to receive endorsement in the S T E M Pathway on their transcript. Students who maintain a GPA of 3.0 or higher and fulfill a S T E M-related internship in senior year will receive a "distinguished endorsement" on their transcript.
- Students enrolled in the S T E M Pathway will be encouraged, as schedules permits, to participate in one or more S T E M-related extracurricular activities (such as science fairs, robotic tournaments, engineering competitions, etc.) and clubs, such as:

o Academic Team

- o Computer Club
- o Environmental Club

o Math Team

- o Science League
- o TV Production

