



Mountain Vista STEM Offerings Sample Course Flow Chart

At Mountain Vista, we are a fully comprehensive high school. Therefore, we want to encourage students to take full advantage of our many offerings. Our STEM Pathway offers rigor and flexibility based on student interests. Our goal is to create as many STEM opportunities for students to take as they desire. Here is a sample of what a 4-year STEM plan might look like for an individual who wants to take advantage of the program.

9 th Grade		10 th Grade		11 th Grade		12 th Grade	
Science							
AP Physics 1 -or- Biology		Biology (or Honors Bio) Or Chemistry		Chemistry (or Honors) Or AP Physics 2/Physics		AP Biology AP Chemistry AP Environmental AP Physics 2 or C Physics	
Technology							
Tech Lab I -or- Intro to Computer Programming		Tech Lab II -or- Multimedia II Gaming/Programming		Tech Lab III or IV -or- AP Computer Science		**Senior Project in STEM field (as their Senior English Project)	
Engineering							
Intro to Engineering		Engineering I		Engineering 2, 3, or 4			
Math							
Geometry (Honors Rec.) or higher (Prereq. – Algebra I completed at high level in MS)		Algebra II (Honors Rec.) or higher		Trig/Pre-Calc (Honors Rec.) or higher		AP Calculus	

For a complete list of eligible classes, please refer to the appropriate content area in the catalog and look for the **STEM** logo. In the course catalog you also will find the **STEM** logo and T, E, or TE next to it. These letters are an indication of whether the course counts toward the Technology, Engineering, (or both) component(s) of the STEM Certificate.

Note: There are a WIDE RANGE OF PATHWAYS possible based on student interests and skills. This is only an example. Please contact Rob Ceglie rob.ceglie@dcsdk12.org or David Larsen david.larsen@dcsdk12.org with further questions.