



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 -or- Honors Biology	Biology (or Honors Bio) -or- Chemistry or H. Chem -or- Honors Bio & H. Chem	Physics -or- AP course (Biology, Chemistry, Environmental Science, Physics 1, Physics 2, Physics C)	AP course (Biology, Chemistry, Environmental Science, Physics 1, Physics 2, Physics C)
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	
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 David Larsen david.larsen@dcsdk12.org with further questions.