

Sci-Tech, Engineering, & Math Pathway Options

People who enter the Science, Technology, Engineering, and Math field enjoy creating, designing, planning, assembling, building, repairing, solving challenges with modern technology, have effective research skills, and can use mathematical and scientific principles in solving problems.

Characteristics of people working in this career field include:

Environmental Realistic Perseverant Organized
Structured Curious Creative Independent
Good Eye-hand Coordination Investigative Builds/Repairs Logical

Sample Career Options

Graphics Technology Machining Engineer Media Support
 Design Energy and Utilities Architect Computer Programming Mechanic
 Cabinetmaking Information Technology Construction Scientist

Grade 9	Graduation Requirements	Elective Options
	English	Intro to Art or Intro to Design Elements
	Math	Virtual Enterprise I
	Science	Photography, Web Design/Publishing
	Physical Education	World Geography, World Geography H
	Health/One Semester Elective	World Language
	Elective	Yearbook
Grade 10	Graduation Requirements	Elective Options
	English	Virtual Enterprise
	Math	Photography
	Science	Digital Video Production
	Physical Education	Web Design Publishing
	World History	World Language
	Elective	Yearbook
Grade 11	Graduation Requirements	Elective Options
	English	Accelerated Biology, AP Biology
	Math	Chemistry, Chem Comm, AP Chemistry
	U.S. History	AP Environmental Science, Physiology
	Elective	Physics, AP Physics
	Elective	AP Computer Sci, Computer Graphics
		Intro to Computer Prog/Web Design
		Digital Video Prod/Web Design Publish
		Multimedia Design, Visual Imagery
		MS Office, Photography, Yearbook
	Offsite ROP Course	
	World Language	
Grade 12	Graduation Requirements	Elective Options
	English	Precalculus, AP Calculus, Any Math
	U.S. Government/Economics	Chemistry, Chem Comm, AP Chemistry
	Elective	AP Environmental Science
	Elective	Physics, AP Physics, Physiology
	Elective	AP Computer Science, Computer Graphics
		Intro to Computer Programming/Web Design
		Digital Video Production/Web Design Publish
		Multimedia Design, Visual Imagery
		Microsoft Office, Photography, Yearbook
	Offsite ROP Course	
	World Language	