

Parents should tailor math courses to their teen’s post high-school plans. Building a 4-Year Plan <http://www.hslda.org/highschool/HSguide.asp> helps parents decide which track best suits their teen. Because math is the language of many sciences, parents will find it helps to chart these courses http://www.hslda.org/highschool/curriculum.asp#subject_math together.

- **General High School Track** is optimal for students preparing to join the workforce, seeking to apply for vocational training, or planning to enlist in the military. Consider three of the following math courses:

Courses	Prerequisite
Algebra 1	Pre-Algebra
Accounting	Pre-Algebra
Business Math	Pre-Algebra
Consumer Math	Pre-Algebra
Finance	Pre-Algebra
Geometry	Algebra 1
Algebra 2	Geometry & Algebra 1

- **General College Prep Track** prepares students who will apply to colleges and universities. In addition, we strongly recommend checking the websites of potential colleges, which your teen plans to apply to, for specific requirements. The minimum math requirement for most colleges consists of 3-4 years, but students who begin Algebra 1 in the 8th grade should plan on completing 4 more years of math. Choose from the following math courses:

Courses	Prerequisite
Algebra 1	Pre-Algebra
Geometry	Algebra 1
Algebra 2	Geometry & Algebra 1
Trigonometry (often included in Algebra 2)	Algebra 2
Discrete Math	Algebra 2
Statistics	Algebra 2
Pre-Calculus	Algebra 2 & Trigonometry

- **Rigorous College Prep Track** prepares students who will apply to highly selective colleges and universities. We strongly recommend checking the websites of colleges, which your teens plan to apply to, for specific requirements. Most students will take Algebra 1 in the 8th grade, and they should take four or more years of the following math courses:

Courses	Prerequisite
Algebra 1	Pre-Algebra
Geometry	Algebra 1
Algebra 2 & Trigonometry	Algebra 1 & Geometry
Pre-Calculus	Algebra 2 & Trigonometry
AP Calculus AB	Pre-Calculus
AP Calculus BC	Calculus AB

In addition to all the providers listed in the individual math curriculum section
http://www.hslda.org/highschool/curriculum.asp#subject_math , consider Complete Curriculums
<http://www.hslda.org/highschool/curriculum.asp#CC> , Correspondence Schools
<http://www.hslda.org/highschool/curriculum.asp#CS> , Online Course/Distance Learning
<http://www.hslda.org/highschool/curriculum.asp#OC/DL> , and Advanced Placement Courses Online
http://www.hslda.org/highschool/curriculum.asp#advanced_placement to find more course curriculums
and class providers .