

Recommended Math Tracks

School to Work	Core Classes		2-year Trade/Tech	Core Classes		4-year Non-Math/Science	Core Classes	
	Algebra 1 L1	1		Algebra 1 L1 or L2	1		Algebra 1 L2	1
	MSR L1	1		Geometry L2	1		Geometry L2	1
	Geometry L1	0.5		Elective Courses			Algebra 2 L2	1
	Integrated Math L1	0.5					Suggested Math Electives	
	Other Math Electives			Choose 2+			Intro to Stats L2	0.5
				Intro to Statistics L2	0.5		Trigonometry L2	0.5
				Algebra 2 L2	1		SAT Math L2	0.5
				Trigonometry L2	0.5		Other Math Electives	
				Other Math Electives				
Computer Programming 1	1	Computer Programming 1	1	Computer Programming 1	1			
				Precalculus L3	1			
				Statistics L3	1			
				Calculus L3**	1			
				CHS Algebra L4**	1			

4-Year Science	Core Classes		4-Year Computer Sciences	Core Classes		4-Year Math	Core Classes	
	Geometry L3	1		Geometry L3	1		Geometry L3	1
	Algebra 2 L3	1		Algebra 2 L3	1		Algebra 2 L3	1
	Precalc L3	1		Precalc L3	1		Precalc L3	1
	Suggested Math Electives			Suggested Math Electives			Suggested Math Electives	
	SAT Math L2	0.5		SAT Math L2	0.5		AP Calc L4	1
	Calculus L3	1		Computer Programming 1	1		AP Stat L4	1
	Statistics L3	1		Computer Programming 2	1		CHS Algebra L4	1
	CHS Algebra L4	1		Computer Programming 3	1		Computer Programming 1	1
	Computer Programming 1	1		CHS Algebra L4	1		Computer Programming 2	1
Other Math Electives		Other Math Electives		Other Math Electives				
Computer Programming 2	1	Calculus L3	1	SAT Math L2	0.5			
Computer Programming 3	1	Statistics L3	1	Calculus L3	1			
AP Stat L4	1	AP Stat L4	1	Statistics L3	1			
AP Calc L4	1	CHS Algebra L4	1					

Important Prerequisite Information

Level 1 to Level 2	85% or higher in previous course
Level 2 to Level 3	90% or higher in previous course
Level 4	Teacher Recommendation

Math Department

Frequently Asked Questions

Who should I reach out to with any questions about the Math department?

Mr. Jason Warner via email warnerj@cvcolonials.org

How many math courses should I take throughout high school?

All students must take and pass a minimum of 3 math credits in high school. Students who are planning to attend post-secondary opportunities are strongly recommended to take a math course every year of high school. The actual courses recommended depend on their future plans/interests - see the reverse side.

How are my math courses determined?

Math courses are more unique than most other subject areas, as many of them build and extend off the previous coursework. Therefore your next math course is determined by the following factors: 1. Your interest in math, 2. Your future goals, 3. Your performance in previous math courses.

Should I double up in math?

Doubling up in math is very dependent on your future interests. If you aspire to pursue post secondary opportunities that require a strong math background (math, engineering, computer science, science, medical), then it is advised that you double up in order to take as many math courses as possible. However - it is still strongly recommended that you take a math course every year of high school so there is not a break in your studies.

Who should take "Honors" Math (Level 3 and Level 4)?

Honors math is not for the faint of heart and is not required for all college bound students. Students who wish to take honors level math courses should excel in their previous math courses. In addition, honors math courses are meant for students who are interested in pursuing post secondary opportunities that require a strong math background. Finally, math should be one of their favorite subjects.

Can I earn college credits for Math while attending New Oxford High School?

The opportunity to earn college math credits is very real as a New Oxford High School Student. We offer CHS Algebra through HACC. In addition, there are numerous courses through our dual enrollment programs with Harrisburg University, Mansfield University, Penn State branch campuses and HACC. Finally, we offer 2 Advanced Placement courses (Calculus and Statistics) which offers students the opportunity to earn credits that are universally recognized.

Number 1 recommendation from a math teacher?

Get the most out of your high school experience - challenge yourself - take as many classes as possible - work hard - be curious - All of these things will help you open the doors to your future.