

GHS Mathematics Course Sequence Guide

2023 - 2024

9 th Grade	10 th Grade	11 th Grade	12 th Grade	
Algebra 1/ Geometry Course 1 (C- or below <i>Test & Quiz Average</i> in 8 th grade Pre-Algebra & teacher rec.)	Algebra 1/ Geometry Course 2	Algebra 1/ Geometry Course 3	Algebra 2B (with teacher recommendation)	
			Topics in Mathematics	
Extended Algebra (Between C and B- Cumulative <i>Test & Quiz Average</i> in 8 th grade Pre-Algebra)	Geometry B	Algebra 2B	College Algebra and Trigonometry (C or better in Algebra 2B)	
			Statistics 1 (C+ or better in Alg 2B <u>and</u> teacher rec)	Statistics 2 (C+ or better in Stats 1)
Algebra 1 (B or better Cumulative <i>Test & Quiz Average</i> in 8 th grade Pre-Algebra)	Geometry A (C or better in Algebra 1) -or- (A- or better in Extended Algebra <u>with</u> teacher recommendation <u>and</u> summer work from Math Program Administrator)	Algebra 2A (C or better in both Geometry A and Algebra 1)	College Algebra and Trigonometry	
			Statistics 1	Statistics 2 (C+ or better in Stats 1)
			Precalculus 1 (C+ or better in Alg 2A)	Precalculus 2 (C or better in PC 1)

9 th Grade	10 th Grade	11 th Grade		12 th Grade	
Geometry A (C+ or below <i>Test & Quiz Average</i> in 8 th grade Algebra)	Algebra 2A (C or better in Geometry A and a C or better in Algebra 1)	College Algebra and Trigonometry (Alg 2A or C or better in Alg 2B)		Precalculus 1 (B or better in CAT)	Precalculus 2 (PreCalc 1 with a C or better)
		Precalculus 1 (C+ or better in Alg 2A)	Precalculus 2 (PreCalc 1 with a C or better)	Calculus, Stats, or AP Stats (see Course of study Guide)	
Honors Geometry (B- or better Cumulative <i>Test & Quiz Average</i> in 8 th grade Algebra and teacher rec.; or an A- or better in Algebra 1 with teacher recommendation)	Honors Algebra 2 (B or better in Honors Geometry) -or- (A- or better in Geometry A <u>with</u> teacher recommendation <u>and</u> A- or better in Algebra 1)	Advanced Placement Precalculus (B- or better in Honors Algebra 2) -or- (A- or better in Algebra 2A <u>with</u> teacher recommendation <u>and</u> successful completion of Bridge to AP Precalculus course offered by the Greenwich Public Schools - no exceptions)		Calculus	
				AP Statistics (Precalc or Honors Algebra 2 with a B or better and teacher recommendation)	
				AP Calculus AB (B or better in Precalculus <u>with</u> teacher rec.)	
				AP Calculus BC (B+ or better in Honors Precalculus)	

9 th Grade	10 th Grade		11 th Grade	12 th Grade
<p align="center">Algebra 2A (C+ or below <i>Test & Quiz Average</i> in 8th grade Geometry)</p>	<p align="center">Precalculus 1 (C+ or better in Algebra 2A)</p>	<p align="center">Precalculus 2 (C or better in Precalculus 1)</p>	<p align="center">Calculus (C or better in Precalculus 1 and 2)</p>	<p align="center">AP Statistics (Precalc B or better and teacher recommendation)</p> <hr/> <p align="center">AP Calculus AB</p>
<p align="center">Honors Algebra 2 (B or better <i>Test & Quiz Average</i> in 8th grade Geometry)</p>	<p align="center">Advanced Placement Precalculus (B- or better in Honors Algebra 2) <i>-or-</i> (A- or better in Algebra 2A <u>with</u> teacher recommendation <u>and</u> successful completion of Bridge to AP Precalculus course offered by the Greenwich Public Schools - no exceptions)</p>		<p align="center">AP Calculus BC (B+ or better in Honors Precalculus)</p>	<p align="center">Honors Advanced Calculus (BC Calculus <u>and</u> teacher rec.)</p> <hr/> <p align="center">AP Statistics</p>
<p align="center">Advanced Placement Precalculus (B- or better in Honors Algebra 2) <i>-or-</i> (A- or better in Algebra 2A <u>with</u> teacher recommendation <u>and</u> successful completion of Bridge to AP Precalculus course offered by the Greenwich Public Schools - no exceptions)</p>	<p align="center">AP Calculus BC (B+ or better in Honors Precalculus)</p>		<p align="center">Honors Advanced Calculus (BC Calculus <u>and</u> teacher rec.)</p> <hr/>	<p align="center">Honors Linear Algebra (Honors Advanced Calculus)</p> <hr/> <p align="center">AP Statistics</p>