



# Lexington Catholic Math Progression Options

Middle School	Freshman Year	Sophomore Year	Junior Year	Senior Year
Pre Algebra or 8 <sup>th</sup> Grade Math	Algebra I	Geometry	Algebra II	Trig/Precalculus or Statistics or Topics in Math
Algebra I	Algebra I (repeat for mastery)	Geometry	Algebra II	Trig/Precalculus or Statistics or Topics in Math
Algebra I	Geometry	Algebra II	Trig/Precalculus or Probability & Statistics	Trig/Precalculus or Calculus or Statistics or Topics in Math
Geometry**	Honors Algebra II	Trig/Precalculus or Statistics	Calculus or Statistics	AP Calculus, Calculus II, or Statistics

*We offer Advanced Placement classes in Statistics and in Calculus AB and Calculus BC.*

The chart above shows the various math progression options available to students. Every student has an individualized path in order to meet his/her needs. Our mathematics curriculum is a structured sequence set up to begin with Algebra I and proceed through Geometry and Algebra II. To complete the required minimum of 4 credits, courses may be taken in Trigonometry, Calculus, Topics in Math, or Probability and Statistics. In addition, students that take Algebra I their freshman year, may take Geometry and Algebra II their sophomore year, if recommended and approved by a teacher.

\*\*We have observed that 5 to 10 percent of entering students can by-pass Algebra I and Geometry to successfully complete four additional courses without remediation. This correlates with College Board Advanced Placement student performance statistics. These students should score in the top ten percent on MAP or other standardized test in order to meet with success in the subsequent levels.

\*\*For detailed flow charts and student testimonies, please visit

[http://www.lexingtoncatholic.com/apps/pages/index.jsp?uREC\\_ID=416640&type=d&pREC\\_ID=910851](http://www.lexingtoncatholic.com/apps/pages/index.jsp?uREC_ID=416640&type=d&pREC_ID=910851)

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