

Math - Understanding the Progression

There are many paths that students can take at Lake Highland to fulfill their math requirements. Because the Upper School (US) requires students to take math all 4 years, students who complete Algebra I Honors in 7th grade will be required to progress to an extremely high-level math by their 12th grade year. Parents and students should remember that any high school course taken at middle school will be part of a student's final high school transcript and will be seen by colleges and universities when the student applies.

Families should also note placement into Honors Classes must be earned each year. Students who do not perform at an above average level will be moved to the CP level the subsequent year. Conversely, students who are originally placed in a CP course may earn their way into an Honors Course the next year by having excellent grades, test scores and pass placement test.

Some Possible Math Progressions

Grade	Course	High school credit?	On college/univ application?	Satisfies US math requirement?
7 th	Math 7	No	No	No
8 th	Pre-Algebra	No	No	No
9 th	Algebra I	Yes	Yes	Yes
10 th	Geometry	Yes	Yes	Yes
11 th	Algebra II	Yes	Yes	Yes
12 th	College Algebra or Pre-Calculus	Yes	Yes	Yes

Grade	Course	High school credit?	On college/univ application?	Satisfies US math requirement?
7 th	Pre-Algebra/Hon*	No	No	No
8 th	Algebra I/Hon*	Yes	Yes	No
9 th	Geometry /Hon*	Yes	Yes	Yes
10 th	Algebra II/Hon*	Yes	Yes	Yes
11 th	Pre-Calculus/Hon*	Yes	Yes	Yes
12 th	Math choice**	Yes	Yes	Yes

**Pre-Algebra, Algebra I, Geometry and Pre-Calculus are CP OR Honors.*

Grade	Course	High school credit?	On college/univ application?	Satisfies US math requirement?
7 th	Algebra I Hon	Yes	Yes	No
8 th	Geometry Hon	Yes	Yes	No
9 th	Algebra II Hon	Yes	Yes	Yes
10 th	Pre-Calculus Hon	Yes	Yes	Yes
11 th	Calculus Hon OR AP Calculus AB	Yes	Yes	Yes
12 th	Math choice**	Yes	Yes	Yes

****Please see the "Foundational Math Continuum" on pages 8 & 9 of the MS Curriculum Guide for more information on "math choice" options**