



7th Grade Math Basic Number skills, operations with fractions, surface area and volume, proportions and proportional variation, introduction to variables.				
NCES Code	Course Number	Credit N/A	Grade 7th	Prerequisite None.

8th Grade Math Rational and Irrational Numbers, Exponents, Scientific Notation, Linear Equations, Slope Intercept Form, Graphing, Systems of Equations, Pythagorean Theorem, Distance Formula, Volume of 3d Shapes, Intro to Data Analysis				
NCES Code	Course Number	Credit N/A	Grade 8th	Prerequisite None.

Algebra 1 Solving equations, simplifying expressions, solving linear systems and systems of inequalities.				
NCES Code	Course Number	Credit 1.0	Grade 9th	Prerequisite None.

Geometry Properties of and relationships between parallel lines, triangles and circles. Creating, representing, and interpreting data with statistical methods. Modeling with geometry and statistics.				
NCES Code	Course Number	Credit 0.5	Grade 10th	Prerequisite Algebra 1

Data and Statistics Creating, representing, and interpreting data with statistical methods. Modeling with geometry and statistics.				
NCES Code	Course Number	Credit 0.5	Grade 10th	Prerequisite Algebra 1

Algebra 2 Simplifying and solving quadratic equations. Using quadratics to model projectiles. Complex numbers, exponents and logarithms.				
NCES Code	Course Number	Credit 1.0	Grade 11th/12th	Prerequisite Algebra 1

Ag. Math Applied and financial math within the context of agriculture. Develops the principles of shapes, space, volume, area, proportions, converting units, cost and efficiency.				
NCES Code	Course Number	Credit 1.0	Grade 11th/12th	Prerequisite Algebra 1

MTH 111 College Algebra Linear, quadratic, exponential, polynomial, rational and logarithmic functions. Dual credit, college-level math course.				
NCES Code: 02057	Course Number	Credit 1.0	Grade 12th	Prerequisite Algebra 2

MTH 112 Trigonometry Trigonometric functions, equations, identities, inverses, right triangle trigonometry and polar coordinates. Dual credit, college-level math course.				
NCES Code: 02105	Course Number	Credit 1.0	Grade 12th	Prerequisite MTH 111