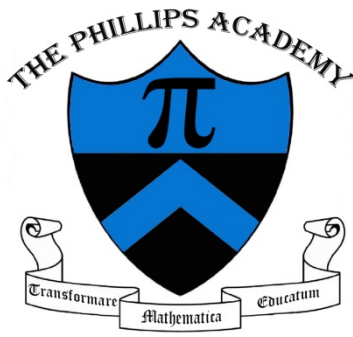


THE PHILLIPS
ACADEMY



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Basic Mathematics/Pre-Algebra

This course is designed to prepare students to take Introductory Algebra. It is the first course in a six-course sequence that tells the complete story of mathematics. Topics include: Number Theory, Addition and Subtraction of Whole Numbers, Fractions, and Decimals, Multiplication and Division of Whole Numbers, Fractions, and Decimals, Exponents, Radicals, the Order of Operations, Percents, Mixed Number and Repeating Decimal Conversions, Complex Fractions, Operations involving Integers, Dimensional Analysis, Unit Pricing, Solving Equations, Place Value, Rounding, Prime Numbers, Factors, Ratios, Rates, Proportions and Applications. By the end of this course, students will be prepared to tackle the Introductory Algebra curriculum.