

FOCUS ON FOUNDATIONS

Building the foundation for academic success



Math Foundations

Math courses cover both math concepts and math applications. In conceptual classes, students master the basic operations, place value, fractions, and the overarching number sense upon which all math is built. In application classes, students learn critical thinking and problem solving as they apply key concepts to mathematical applications such as measurement, time, money, geometry, and word problems.

Level A

Students master the concepts of addition, subtraction, and beginner fractions. They will apply these concepts to solving simple measurement and geometry problems, counting money, telling time, and beginner word problems.

Level B

Students master the concepts of multiplication, division, place value, and equivalent fractions. They will apply these concepts to solve problems involving elapsed time, area and perimeter, and intermediate word problems.

Level C

Students master all four operations (add, subtract, multiply, divide) with whole numbers, fractions, and place value with decimals. They will apply concepts through multi-step word problems that address unit conversion, volume, and geometric classifications and sorting.

Level D

Students master all four operations with fractions and decimals, and place value with negative integers. They will apply their knowledge through advanced volume and area, ratios, graphing, identifying relationships within tables of values, and writing equations with variables to represent real-life situations.

“Online learning at home has caused some learning gaps for students, these classes are designed to help them get back on track and begin advancing.”

