



JUNIOR KINDERGARTEN: Students engage in play-based learning, counting, numeral recognition, and calendar activities to develop foundational math skills. Emphasis is on counting larger groups, numeral order, numeral writing, pattern recognition, and understanding the significance of numbers in everyday life.

- Support/extension typically begins kindergarten

KINDERGARTEN: Kindergarten math builds a strong counting foundation for understanding numbers. Students engage in activities to develop addition and subtraction skills, grouping quantities, problem-solving, length measurement, spatial sense, shapes, and data collection.

1ST GRADE: Students are immersed in practical experiences to develop a deep understanding of number relationships and mathematical concepts. Through hands-on activities, problem-solving, and pattern analysis, students learn addition combinations, explore shapes, and develop critical thinking skills.

2ND GRADE: Students focus on hands-on activities to deepen understanding of key math concepts. They learn place value through models, enabling visualization of two-digit numbers and developing strategies for addition and subtraction. Students also learn fractions, data analysis, measurement, and shape properties.

3RD GRADE: Students develop a comprehensive understanding of math, focusing on four-digit numbers and the four operations. They learn multiplication and division properties, problem-solving strategies, and fractions. Decimal fractions, line graphs, measurement, and shape attributes are also explored.

4TH GRADE: Students develop skills across various math domains. They focus on addition, subtraction, multiplication, factors, and multiples. Problem-solving, place value, fractions, decimals, data interpretation, probability, and shape attributes are emphasized.

5TH GRADE: Students review and deepen their computational skills while focusing on fluency and accuracy. They develop strategies for multiplication, division, fractions, and decimals. Additionally, they explore 2D shapes, volume, data analysis, probability, and functional relationships through hands-on activities and collaborative discussions.

6TH GRADE: Students focus on problem-solving strategies, patterns, models, and equations. They develop estimation, benchmarking, and reasoning skills. The math curriculum covers fractions, decimals, ratios, percentages, geometry, data analysis, and an introduction to algebra with an emphasis on connections, real-world application, investigation, and discovery-based learning.

**Math teacher determines when support or extension is needed.*

TARGETED LEARNING SUPPORT

- Workshop instructional model to meet varied learning needs
- Small group facilitation by Learning Specialists

ENRICHMENT OPPORTUNITIES

- Homeroom Teacher facilitates differentiated instruction
- Independent assignments through technology applications

TARGETED LEARNING SUPPORT

- Small group facilitation by Learning Specialists
- In-class Learning Center collaborations for skill reinforcement and development
- Before- or after-school intervention sessions

ENRICHMENT OPPORTUNITIES

- Classroom enrichment led by Homeroom Teacher during small groups/centers
- Extension sessions led by Math Specialists for enhancing critical thinking and problem-solving skills
- Biannual math competition opportunities

TARGETED LEARNING SUPPORT

- Small group facilitation by Learning Specialists
- In-class Learning Center collaborations for skill reinforcement and development
- Before- or after-school math intervention
- Refine executive functioning skills

ENRICHMENT OPPORTUNITIES

- Classroom enrichment led by Homeroom Teacher during small groups/centers
- Explorations led by Math Specialists to enhance critical thinking & problem-solving
- Tiered courses for adaptive student grouping by math ability
- Biannual math competition opportunities