

Grades 3-5 Mathematics

Year at a Glance

Grade 3

- Unit 1: Exploring equal groups as a foundation for multiplication and division (10 days)
- Unit 2: Developing conceptual understanding of area (12 days)
- Unit 3: Developing strategies for addition and subtraction (12 days)
- Unit 4: Understanding unit fractions (10 days)
- Unit 5: Using fractions in measurement and data (12 days)
- Unit 6: Solving addition and subtraction problems involving measurement (10 days)
- Unit 7: Understanding the relationship between multiplication and division (12 days)
- Unit 8: Investigating patterns in number and operations (10 days)
- Unit 9: Developing strategies for multiplication and division (12 days)
- Unit 10: Understanding equivalent fractions (10 days)
- Unit 11: Comparing fractions (10 days)
- Unit 12: Solving problems involving area (10 days)
- Unit 13: Solving problems involving shapes (10 days)
- Unit 14: Using multiplication and division to solve measurement problems (10 days)
- Unit 15: Demonstrating computational fluency in problem solving (10 days)

Grade 4

- Unit 1: Exploring multiples and factors (10 days)
- Unit 2: Using multiplication and division strategies with larger numbers (15 days)
- Unit 3: Decomposing and composing fractions for addition and subtraction (8 days)
- Unit 4: Applying place value concepts in whole number addition and subtraction (12 days)
- Unit 5: Understanding fraction equivalence and comparison (12 days)
- Unit 6: Introducing measurement conversions (10 days)
- Unit 7: Solving problems using multiplicative comparison (10 days)
- Unit 8: Solving measurement problems using the four operations (12 days)
- Unit 9: Solving addition and subtraction problems involving fractions and mixed numbers (10 days)
- Unit 10: Angle measurement (12 days)
- Unit 11: Multiplying fractions by whole numbers (12 days)
- Unit 12: Comparing decimal fractions and understanding notation (10 days)
- Unit 13: Recognizing and analyzing attributes of 2-dimensional shapes (12 days)
- Unit 14: Problem solving with whole numbers (15 days)

Grade 5

- Unit 1: Understanding volume (10 days)
- Unit 2: Developing multiplication and division strategies (12 days)
- Unit 3: Using equivalency to add and subtract fractions with unlike denominators (12 days)
- Unit 4: Expanding understanding of place value to decimals (10 days)
- Unit 5: Understanding the concept of multiplying fractions by fractions (12 days)
- Unit 6: Comparing and rounding decimals (10 days)
- Unit 7: Interpreting multiplying fractions as scaling (12 days)
- Unit 8: Developing the concept of dividing unit fractions (10 days)
- Unit 9: Solving problems involving volume (10 days)
- Unit 10: Performing operations with decimals (12 days)
- Unit 11: Classifying two-dimensional geometric figures (10 days)
- Unit 12: Solving problems with fractional quantities (12 days)
- Unit 13: Representing algebraic thinking (8 days)
- Unit 14: Exploring the coordinate plane (10 days)
- Unit 15: Finalizing multiplication and division with whole numbers (10 days)