

## 4th Grade - Math

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Students will begin the year by reviewing basic number sense and arithmetic, including evaluating expressions and order of operations. The importance of these early chapters is paramount; poor number sense or a misunderstanding of place value will inhibit understanding of later concepts. By the end of first semester, students will have spent significant time with fractions (which includes time exploring the four operations with fractions). This work with fractions is vital to developing a solid foundation in proportional reasoning which will be built upon in subsequent work with decimals. In the second semester, in addition to work with decimals, students will study area/perimeter, geometry, and measurement conversion.

**Chapter 1: Multi-digit Whole Numbers** 

**Chapter 2: Addition and Subtraction** 

**Chapter 3: Multiplication and Division** 

**Chapter 4: The Four Operations using Bar Models** 

**Chapter 5: Fractions** 

Chapter 6: Mixed Numbers, Improper Fractions, and Operations on

**Fractions Chapter 7: Decimals** 

**Chapter 8: Area and Perimeter** 

**Chapter 9: Geometry** 

Chapter 10: Measurement, Time, and Conversion

**Cumulative Review**