## GreatHearts Online

## 4th Grade - Math

| 4th Math | Students will begin the year by reviewing basic number sense and arithmetic, including evaluating <br> expressions and order of operations. The importance of these early chapters is paramount; poor <br> number sense or a misunderstanding of place value will inhibit understanding of later concepts. By the <br> end of first semester, students will have spent significant time with fractions (which includes time <br> exploring the four operations with fractions). This work with fractions is vital to developing a solid <br> foundation in proportional reasoning which will be built upon in subsequent work with decimals. In the <br> second semester, in addition to work with decimals, students will study area/perimeter, geometry, and <br> measurement conversion. <br> Chapter 1: Multi-digit Whole Numbers <br> Chapter 2: Addition and Subtraction <br> Chapter 3: Multiplication and Division <br> Chapter 4: The Four Operations using Bar Models <br> Chapter 5: Fractions <br> Chapter 6: Mixed Numbers, Improper Fractions, and Operations on <br> Fractions Chapter 7: Decimals <br> Chapter 8: Area and Perimeter <br> Chapter 9: Geometry <br> Chapter 10: Measurement, Time, and Conversion <br> Cumulative Review |
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