

## 1<sup>st</sup> Six Weeks

| <i>Number Sense/Computation and Estimation</i>   |  |
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| <u>Number Systems (Chapter 1)</u> <ul style="list-style-type: none"> <li>• Place Value</li> <li>• Addition and Subtraction</li> <li>• Multiplication and Division</li> </ul>   | New Mexico Mathematics Content<br>Standard 1<br>Benchmark Grades 5-7: A, B<br>Performance Standard Grade 7<br>A.1<br>B.1                     |
| <u>Whole Numbers and Algebra (Chapter 2)</u> <ul style="list-style-type: none"> <li>• Adding and Subtracting Whole Numbers</li> <li>• Rounding (supplementary material)</li> <li>• Estimating Sums and Differences</li> <li>• Multiplying and Dividing Whole Numbers</li> <li>• Estimating Products and Quotients</li> <li>• Open Statements</li> <li>• Using letters to represent numbers</li> <li>• Replacing Variables</li> </ul> | New Mexico Mathematics Content<br>Standard 1<br>Benchmark Grades 5-7: A, B<br>Performance Standard Grade 7<br>A.2, A.3, A.4, A.5<br>B.8, B.9 |
| <u>Solving Word Problems (Supplementary materials)</u> <ul style="list-style-type: none"> <li>• Problem Solving Strategies</li> <li>• Word problems</li> </ul>   | New Mexico Mathematics Content<br>Standard 2<br>Benchmark Grades 5-7: A<br>Performance Standard Grade 7<br>A.6                               |

## 2<sup>nd</sup> Six Weeks

| <i>Number Sense/Computation and Estimation</i>   |  |
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| <u>Number Theory (Chapter 4)</u> <ul style="list-style-type: none"> <li>• Scientific Notation</li> <li>• Multiplying Exponents (Chapter 9)</li> <li>• Dividing Exponents (Chapter 9)</li> <li>• Prime and Composite Numbers</li> <li>• Greatest Common Divisor</li> <li>• Factoring</li> <li>• Least Common Multiple</li> </ul>  | New Mexico Mathematics Content<br>Standard 1<br>Benchmark Grades 5-7: B, C<br>Performance Standard Grade 7<br>B.5, B.7<br>C.3, C.6 |
| <u>Rational Numbers and Fractions (Chapter 5)</u> <ul style="list-style-type: none"> <li>• Proper Fractions</li> <li>• Improper Fractions and Mixed Numbers</li> <li>• Equivalent Fractions</li> <li>• Simplest Form</li> <li>• Comparing and Ordering Fractions</li> <li>• Fractions - Like Denominators</li> <li>• Fractions - Unlike Denominators</li> <li>• Subtracting Fractions with Regrouping</li> <li>• Multiplying Fraction and Mixed Numbers</li> </ul> | New Mexico Mathematics Content<br>Standard 1<br>Benchmark Grades 5-7: B<br>Performance Standard Grade 7<br>B.1, B.4                |

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| <ul style="list-style-type: none"> <li>Dividing Fractions and Mixed Numbers</li> </ul> |  |
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### 3<sup>rd</sup> Six Weeks

| <i>Number Sense/Computation and Estimation</i>   |   |
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| <u>Decimals (Chapter 3)</u> <ul style="list-style-type: none"> <li>Place value and decimals</li> <li>Comparing and rounding decimals</li> <li>Adding and subtracting decimals</li> <li>Multiplying and dividing decimals</li> <li>Decimals and Fractions</li> <li>Renaming Percents to Decimals</li> <li>Evaluating Expressions with Decimals</li> </ul>                             | New Mexico Mathematics Content<br>Standard 1<br>Benchmark Grades 5-7: B, C<br>Performance Standard Grade 7<br>B.1, B.2<br>C.2   |
| <u>Percents (Chapter 7)</u> <ul style="list-style-type: none"> <li>Percents and Fractions</li> <li>Percents and Decimals</li> <li>Percents, Decimals, Fractions (supplementary material)</li> </ul>  | New Mexico Mathematics Content<br>Standard 1<br>Benchmark Grades 5-7: B, C<br>Performance Standard Grade 7<br>B.3<br>C.2, C.4   |
| <i>Probability and Statistics</i>  |   |
| <u>Data, Statistics, and Probability (Chapter 13)</u> <ul style="list-style-type: none"> <li>Bar Graphs</li> <li>Frequency Tables</li> <li>Circle Graphs</li> <li>Histograms</li> <li>Scatterplots</li> <li>Stem and Leaf Plots (supplementary materials)</li> <li>Line Plots (supplementary materials)</li> <li>Mean, Median, Mode, Range</li> <li>Box and Whisker Plots</li> </ul> | New Mexico Mathematics Content<br>Standard 2<br>Benchmark Grades 5-7: A, B<br>Performance Standard Grade 7<br>A.2, B.1<br><br>New Mexico Mathematics Content<br>Standard 5<br>Benchmark Grades 5-7: A, B, C<br>Performance Standard Grade 7<br>A.2, A.4, A.6, A.9<br>B.1, B.2, B.4<br>C.3 |

### 4<sup>th</sup> Six Weeks

| <i>Number Sense/Patterns, Functions and Algebra</i>  |   |
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| <u>Basic Operations and Rational Expressions (Chapter 6)</u> <ul style="list-style-type: none"> <li>The Order of Operations</li> <li>Evaluating Algebraic Expressions</li> <li>Equations - Solution by Substitution</li> <li>Solving Addition Equations</li> <li>Solving Subtraction Equations</li> <li>Solving Multiplication Equations (supplementary material)</li> <li>Solving Division Equations</li> </ul> | New Mexico Mathematics Content<br>Standard 1<br>Benchmark Grades 5-7: C<br>Performance Standard Grade 7<br>C.1<br><br>New Mexico Mathematics Content<br>Standard 2<br>Benchmark Grades 5-7: A, B, D<br>Performance Standard Grade 7<br>A.1<br>B.1, B.2, B.3 |

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| (supplementary material)  | D.1   |
| <i>Computation and Estimation</i>   |   |
| <u>Integers (Chapter 8)</u> <ul style="list-style-type: none"> <li>• The Real Number Line and Integers</li> <li>• Comparing Integers</li> <li>• Even and Odd Integers</li> <li>• Adding Positive Integers</li> <li>• Adding Negative Integers</li> <li>• Subtracting Positive and Negative Integers</li> <li>• Multiplying by Positive Integers</li> <li>• Multiplying by Negative Integers</li> <li>• Dividing Positive and Negative Integers</li> </ul> | New Mexico Mathematics Content<br>Standard 2<br>Benchmark Grades 5-7: A, B, D<br>Performance Standard Grade 7<br>A.3, A.4, A.5<br>B.1, B.4, B.6<br>D.2, D.4 |

### 5<sup>th</sup> Six Weeks

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| <i>Geometry/Measurement</i>   |   |
| <u>Graphing (Chapter 11)</u> <ul style="list-style-type: none"> <li>• The Coordinate System - Locating Points</li> <li>• The Coordinate System - Plotting Points</li> </ul>   | New Mexico Mathematics Content<br>Standard 2<br>Benchmark Grades 5-7: B, C, D<br>Performance Standard Grade 7<br>B.1, B.5<br>C.2<br>D.3<br><br>New Mexico Mathematics Content<br>Standard 3<br>Benchmark Grades 5-7: B<br>Performance Standard Grade 7<br>B.1 |
| <u>Geometry (Chapter 12)</u> <ul style="list-style-type: none"> <li>• Angles</li> <li>• Complementary and Supplementary angles</li> <li>• Angle measures in triangles</li> <li>• Congruent and Similar Triangles</li> <li>• Parallelograms</li> <li>• Quadrilaterals</li> <li>• Polygons</li> <li>• Slides and Translations</li> <li>• Rotations</li> </ul> | New Mexico Content Standard 3<br>Benchmark Grades 5-7: A, D<br>Performance Standard Grade 7<br>A.1<br>D.1, D.2  |

### 6<sup>th</sup> Six Weeks

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| <i>Probability and Statistics</i>  |  |
| <u>Ratio, Proportion, and Percents (Chapter 7)</u> <ul style="list-style-type: none"> <li>• Ratios</li> <li>• Proportions</li> <li>• Ratios and Proportions</li> <li>• Proportional Relationships</li> </ul> | New Mexico Mathematics Content<br>Standard 1<br>Benchmark Grades 5-7: B<br>Performance Standard Grade 7<br>B.3 |

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| <ul style="list-style-type: none"> <li>• Finding the Percentage of a Number</li> <li>• Finding the Percent</li> <li>• Percent of Increase and Decrease</li> <li>• Scale Drawings and Models</li> <li>• Tips, Discounts, Sales Tax, and Simple Interest (supplementary materials)</li> </ul> | <p style="text-align: center;">New Mexico Mathematics Content<br/>Standard 2<br/>Benchmark Grades 5-7: C<br/>Performance Standard Grade 7<br/>C.1, C.3</p> <p style="text-align: center;">New Mexico Mathematics Content<br/>Standard 5<br/>Benchmark Grades 5-7: A, B, D<br/>Performance Standard Grade 7<br/>A.7, A.11<br/>B.4<br/>D.1, D.2, D.3</p> |
| <p><u>Data, Statistics, and Probability (Chapter 13)</u></p> <ul style="list-style-type: none"> <li>• Probability Fraction</li> <li>• Tree Diagrams (supplementary materials)</li> </ul>  | <p style="text-align: center;">New Mexico Mathematics Content<br/>Standard 5<br/>Benchmark Grades 5-7: D<br/>Performance Standard Grade 7<br/>D.4, D.5, D.6, D.7</p>   |