



EAGLE RIDGE ACADEMY

4th Grade Curriculum Overview

The following are general topic areas and intended timelines for instruction. Topics are listed in the months they are most likely to be taught, but may occur earlier or later than indicated. Math topics are listed for the “at grade level” curriculum only.

| | Math | Reading | Shurley English/Writing | Science | History | Pillars |
|------------------------------|--|-----------------------------------|--|--|-----------------|---|
| August/ September | Writing and Comparing Numbers Through Hundred Thousands; Relationship Between Addition and Subtraction; Translating and Writing Word Problems; Multiplying Three Factors and Missing Factors | Where the Mountain Meets the Moon | Capitalization and Punctuation Rules; Synonyms and Antonyms; Nouns; Verbs; Adverbs; Adjectives; Article Adjectives; Types of Sentences; Revising Sentences; Expository Writing in One Paragraph; Prepositional Phrases; Subject-Verb Agreement; Complete Subject, Complete Predicate; Simple Subject, Simple Predicate | Meteorology: Water Cycle, Air Pressure Clouds, Severe Weather | Maps; Mountains | Introduction to Citizenship, Integrity, Perseverance, and Honor |
| October | Relationship Between Multiplication and Division; Fractions: Halves, Fourths, and Tenths; Division With and Without Remainders; Parentheses and the Associative Property; Division Algorithm | Where the Mountain Meets the Moon | Transition Words; Point of View; Subject Pronouns, Possessive Pronouns, Understood You; Conjunctions, Compound Parts; Simple, Fragment, Run-on Sentences; Homonyms; Three Paragraph Expository Writing | Human Impact on Environment; Water Conservation & Sustainability | China Dynasties | Introduction to Excellence and Respect |



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| November | Reading Scales; Multiplying by Multiples of 10 and 100; Interpreting Pictures of Fractions, Decimals, and Percents; Fractions: Thirds, Fifths, and Eighths; Pairs of Lines; Angles; Polygons; Rounding Numbers and Estimating | Rip Van Winkle; The Legend of Sleepy Hollow | Three Paragraph Expository Writing; Helping Verbs; Natural and Inverted Order; Compound Sentences; A/An; Not Adverb | Earth Layers; Continental Drift; Tectonics; Earthquakes; and Volcanoes | Colonial America | Citizenship |
| December | Classifying Triangles; Fractions and Mixed Numbers on a Number Line; Writing Quotients with Mixed Numbers; Adding and Subtracting Fractions with Common Denominators; Measuring Lengths with a Ruler; Classifying Quadrilaterals; Word Problems About a Fractions of a Group | Poetry Unit; Idioms & Proverbs | Interjections; Possessive Nouns; Complex Sentences; Five Paragraph Expository Writing; | Rocks and Minerals | American Revolution | Integrity |
| January | Expanded Notation; Multiple-Step Word Problems; Finding an Average; Analyzing Data; Multiplying by Two-Digit Numbers; Perimeter; Measures of a Circle; Dividing by Multiples of 10; Multiplying by Three-Digit Numbers; Probability; Subtracting a Fraction from One; Fractions to Complete a Whole | Robin Hood | Direct Objects; Simple and Irregular Verb Tenses; Tenses of Helping Verbs; Editing Practice; Three Paragraph Persuasive Essay | Blood Components; Body Defenses and Disease Prevention; Biographies: Drew and Blackwell; Circulation Process | Constitution; Government System; Early Presidents; | Perseverance |



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| February | Line Graphs; Subtracting fractions from a Whole Number; Decimal Parts of a Meter; Reading a Centimeter Scale; Comparing and Ordering Decimal Numbers; Displaying Data; Fractions, Decimals, and Percents; Area; Adding and Subtracting Decimal Numbers; Units of Length; Changing Improper Fractions to Whole or Mixed Numbers | Robin Hood; King Arthur | Three Paragraph Persuasive Essay; Indirect Objects Punctuating Quotations; Rules for Making Nouns Plural; Review Patterns 1, 2, and 3 | Blood Pressure & Hear Rate; Blood Types; Respiratory System & Diseases | American Reformers | Honor |
| March | Multiplying Fractions; Converting Units of Weight and Mass; Exponents and Square Roots; Finding Equivalent Fractions; Prime and Composite Numbers; Graphing Points on a Coordinate Plane; Reducing Fractions; Greatest Common Factor; Mean, Median, Mode and Range; Units of Capacity; Multiplying Fractions and Whole Numbers; Dividing Fractions; Transformations; Using Reciprocals to Divide Fractions | King Arthur | Five Paragraph Persuasive Essay; Predicate Nouns; Review Patterns 1-4; Descriptive Writing | Three States of Matter; Measurement | Middle Ages | Excellence |



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| April | Ratios; Temperature; Adding and Subtracting Whole Numbers and Decimal Numbers; Measuring Angles; Rounding Mixed Numbers; Volume; Rounding Decimal Numbers; Symmetry and Transformations; Ordering Decimal Numbers Through Ten Thousandths; Multiplying Decimal Numbers | Treasure Island | Rules for Making Nouns Possessive; Contractions; Narratives With Dialogue | Forms of Energy; Magnetism; Simple Circuits; Conductors & Insulators | Islam | Respect |
| May/June | Multiplying Decimal Numbers by 10, by 100, by 1000; Least Common Multiple; Writing Mixed Numbers as Improper Fractions; Using Formulas; Area; Finding Common Denominators to Add, Subtract, and Compare Fractions; Dividing a Decimal Number by a Whole Number; Multiplying Mixed Numbers | Treasure Island | Narratives With Dialogue; Degrees of Comparison of Adjectives; Personal Pronouns and Antecedents; Double Negatives; Friendly and Thank You Letters | Series & Parallel Circuits; Electromagnetism; Biographies: Faraday & Morse | African Kingdoms | Truth, Beauty, and Goodness |