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|   | Unit 1  | Unit 2  | Unit 3  | Unit 4  | Unit 5  | Unit 6  | Unit 7  | Unit 8  | Unit 9  |
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| Kinder Enhanced  | **Numerical Reasoning: Wondering About My World and Investigating to Find Answers**  Quantity of objects up to 10; rote counting to 100 forward and backward from 20.   | **Geometric & Spatial Reasoning:** **2-D Shapes in My World**  Describe shapes based on the number of sides, vertices and other attributes; identify 2D shapes and form larger shapes by putting two or more basic shapes together.  | **Numerical Reasoning:** **How Many? (Numbers Up to 20)**  Explore and count sets of objects up to 20; compare objects using phrases, “greater than”, “less than” or “the same as”, equal to”.    | **Numerical Reasoning: Understanding and Using Addition and Subtraction in My Life**  Addition and Subtraction to fluently solve within 10  | **Numerical Reasoning: Using Numbers within 20**  Compose and Decompose numbers into 10 and some more.  | **Geometric & Spatial Reasoning: 3-D Shapes in My World**  Identify 3 dimensional shapes and compare 2D and 3D shapes.  | **Measurement & Data Reasoning: Using Numbers and Data to Make Sense of My World**  Investigate place value and solve addition and subtraction problems; describe patterns.  | **Culminating Capstone Unit**     |   |
| 1st Grade Enhanced   | **Extending Number Sequence** **Understanding to Build, Compare, and Interpret Numbers within 100**  Count numbers forward and backward starting with any number within 120  | **Building and Explaining the Relationship Between Addition and Subtract**  Relate numbers to 10; Recognize number relationships to develop addition and subtraction strategies within 20. (doubles, doubles plus one)  | **Sorting, Sifting, Shifting Shapes and Patterns**  Compare and partition shapes into halves, thirds, fourths.   | **Exploring Meaningful Measurements**  Use measurement tools to estimate, measure, describe and compare the measurement objects with units.  | **Problem Solving to Answer Real-Life Questions**  Mental math strategies within 100; build fluency within 20.   | **Culminating Capstone Unit**  |   |   |   |
| 2nd Grade Enhanced   | **Using Tables, Graphs, & Charts**  Collect, analyze, and display data through pic and bar graphs, value of numbers up to 1,000 by representing, ordering, & comparing, solve addition & subtraction problems within 100 using various strategies for this unit    | **Building Fluency w/ addition and subtraction**  Solve addition & subtraction problems within 100 using various strategies, solve problems involving charts and graphs, place value up to 1,000 by representing, ordering, & comparing,  | **Measuring Lengths & Distance**  Standard units to estimate, measure, and compare lengths and distances (in., ft., & yd.), value of numbers up to 1,000 by representing, ordering, & comparing, solve addition & subtraction problems within 1,000 using various strategies for this unit  | **Extending Place Understanding to 1,000**  value of numbers up to 1,000 by representing, ordering, & comparing, solve addition & subtraction problems within 1,000 using various strategies for this unit    | **Representing Sums & Differences within 1,000**  Create, locate numbers, & represent whole number sums & differences within a standard unit of measurement on a # line, value of numbers up to 1,000 by representing, ordering, & comparing, solve real world problems  | **Exploring Geometry and Patters**  Attributes of shapes to describe, compare, and draw them, identify lines of symmetry, partition circles & rectangles, unit fractions, and non-unit fractions, use shapes to describe patterns, cont. place value up to 1,000  | **Measuring Time & Money**  Analog and digital clocks to the nearest minute, estimate and measure elapsed time, addition & subtraction problems using time and money, cont. Place value up to 1,000 & addition and subtraction within 1,000  | **Reasoning w/ equal Groups**  Work with equal groups and creating arrays to solve problems, write and solve equations to represent equal groups, identify, describe, create, and extend numerical patters in addition & subtraction  | **Culminating Capstone Unit** **8 Days**  |
| 3rd Grade Enhanced  | **Building a Strong Foundation**  Strengthen understanding of place value, addition, & subtraction up to 100,000 through meaningful tasks and number sense routines  | **Exploring Multiplication**  Explore patterns and properties and discover relationships between multiplication facts, factors & multiples, represent and solve multiplication problems through pic & bar graphs, create statistical investigation questions  | **Relating Multiplication & Division**  Multiplication & division are inverse operations that can be used to solve problems, numbers of objects can be divided by partitioning them into equal shares, multiply any 2-digit number by a 1-digit number, division of 3-digit numbers by 1-digit numbers  | **Place Value, Addition & Subtraction up to 10,000**  extend their understanding of the base-ten system to include  numbers to 10,000, use their understanding of place value to compare four-digit numbers, round whole numbers up to 1,000, fluently add & subtract within 1,000, will represent problems using equations with unknowns  | **Two-Step Problems & Time**  solve and represent authentic problems using all four operations, recognize problem situations that indicate when to add, subtract, multiply, or divide  and build appropriate equations to solve the problems.  | **Fractions as Numbers**  Understanding fractions with an emphasis  on unit fractions, understand that fractions are numbers that describe the division of  a whole into equal parts, decompose fractions as the sum of fractions represent  fractions with models, diagrams, and number lines and use these models to compare, find,  and generate equivalent fractions.  | **Connecting Length, Perimeter, & Area**  use a ruler to measure length to the nearest half or quarter of an  Inch, measure side lengths of polygons to determine the perimeter and extend understanding of area   | **Two-Dimensional Shapes**  will reason about attributes (features) of shapes including parallel  segments, perpendicular segments, right angles, and symmetry.   | **Culminating Capstone Unit**  |
| 4th Grade Enhanced  | **Making Relevant Connections with Place Value Understanding, Addition and Subtraction of Whole Numbers**  Add, subtract, and round within 10,000. Problem solving with money, intervals of time, metric measurements for liq. Volume, distance, and weight.  | **Exploring Real-Life Phenomena through Patterning and Algebraic Reasoning**  Building on growing and repeating patterns for numbers and shapes following a rule + factor pairs, prime, and composite.  | **Reasoning about Multiplication and Division**  Strategies to multiply multi-digit whole numbers and partial quotient to divide whole numbers up to 4 digits by 2 digits. + problem solving with money, intervals of time, metric for Liq. Volume, distance, and weight.   | **Investigating Fractions and Decimals**   Compare fractions less than 1, + and – fractions with like denominators, and measure to the nearest 1/8 inch. Decimals through the thousandths- locate, compare, and order. Round to tenths and thousandths  | **Building Conceptual Understanding of Angle Measurement**   Using 360 degree protractor to measure angles as attributes.   | **Reasoning with Shapes**   Explore attributes of 2D shapes with area and perimeter + lines of symmetry and investigate attributes of quadrilaterals such as perpendicular and parallel lines  | **Culminating Capstone Unit**  |   |   |
| 5th Grade Enhanced  | **Investigating Volume of Solid Figures** Build, analyze and recognize connection of area + multiplication and volume  examples. Explore written expressions of finding missing value of volume.   | **Building Conceptual Understanding of Place Value Using Measurement and Data Reasoning** Explore and explain patterns when X and / powers of 10. + statistical reasoning to collect/organize/ and interpret data.  | **Building Conceptual Understanding of Multiplication and Division with Whole Numbers** Partial products and partial quotients- 4 digits by 2- digits Fluent multiplication in 3 x2 and division of 4 by 2 with a divisor no greater than 25. + statistical reasoning to collect/organize/ and interpret data.  | **Building Fraction Understanding**  Compare and order fractions, + and – with unlike denominators. Relationship between fractions and ratios. Fractions on a number line and understanding of Greatest common factor and least common multiple.   | **Making Sense of Fraction Multiplication and Division** Division of whole numbers (can be in the form of a mixed number) and multiply a whole number by a fraction or mixed number using properties of operations. Problems with area, surface area, and Volume.   | **Extending Place Value and Working with Decimals to Solve Problems** Read, write, and compare decimals to the thousandths place. Round and perform operations with decimals to the hundredths in real-life. Customary measurements + metric + time to display data and relevant Q’s   | **Exploring Geometry and Coordinate Plane** Convention and notation of coordinate planes to name points. Classifying polygons based on properties and working with patterns to generate 2 different numerical patterns and relationships between them.   | **Culminating Capstone Unit** |   |
| 6th Grade Enhanced  | **Exploring Real-life Phenomena through Statistics**  Collect, analyze, and display data through a number of graphical representations.   | **Making Relevant Connections through Number System Fluency**  Number relationships to deepen their connection to fractions.  | **Investigating Rate, Ratio, and Proportional Reasoning**  Represent mathematics through graphs, tables, pictures, symbols and words.   | **Building a Conceptual Understanding of Expressions**  Arithmetic experiences to algebraic representations. Translate verbal phrases and numeric situations into algebraic expressions.   | **Exploring Real-life Phenomena through One-Step Equations and Inequalities**  Explore/create one-step equations and inequalities and solve equivalent expressions and possible solutions for inequalities with nonegative numbers and solutions.  | **Exploring Area and Volume**  Area and volume of composite figures, including those with sides of fractional lengths.   | **Rational Exploration: Numbers and their Opposites**  Introduced to  numbers less than 0; use zero to identify a number and its opposite. Use a number line to compare/order fractions, decimals and integers.  | **Graphing Rational Numbers**  Draw polygons in the coordinate plane by connecting points and calculate side lengths to analyze distance between points.  | **Culminating Capstone Unit**    |