



Scope & Sequence by Month

| | AUGUST / SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER | JANUARY | FEBRUARY | MARCH | APRIL | MAY / JUNE |
|----------|---|--|---|--|---|--|---|--|---|
| K | Units SESSIONS 1–19 Shapes Naming, Sorting and Graphing 2-D Shapes, Counting and Comparing Sets | SESSIONS 20–33 Bugs Sorting, Graphing, Patterning, Numbers to 10 | SESSIONS 34–47 Butterflies Recognizing and Naming Shapes, Patterning, Numbers to 10, Counting, Comparing Sets | SESSIONS 48–56 Ladybugs & Pennies Growing Patterns, Counting and Comparing Sets, Adding and Subtracting, Money | SESSIONS 57–71 New Games Numbers to 20, Skip Counting, Comparing and Ordering Quantities, Money | SESSIONS 72–83 Sea Creatures Graphing, Addition and Subtraction Story Problems, Numbers to 20, Money | SESSIONS 84–94 Frogs & Toads Numbers to 30, Sorting, Growing Patterns, Skip Counting, Measurement | SESSIONS 95–107 More Games Measurement, Numbers to 30, Money, Patterning, Addition and Subtraction Story Problems | SESSIONS 108–121 Shapes & Story Problems Addition and Subtraction Story Problems, Measurement, 2-D and 3-D Shapes |
| | Number Corner AUGUST / SEPTEMBER Skills & Concepts <ul style="list-style-type: none"> counting by 1's numeral recognition and writing sorting repeating patterns 2-D shapes reading a calendar | OCTOBER Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting by 1's skip counting cardinal and ordinal numbers repeating patterns reading a calendar picture graphs | NOVEMBER Skills & Concepts <ul style="list-style-type: none"> numeral recognition and writing counting by 1's counting by 10's and 1's skip counting cardinal and ordinal numbers repeating patterns reading a calendar picture graphs | DECEMBER Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting by 1's counting by 10's and 1's repeating patterns 2-D shapes reading a calendar picture graphs | JANUARY Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting by 1's counting by 10's and 1's repeating patterns odd and even numbers reading a calendar yesterday, today and tomorrow | FEBRUARY Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting by 1's counting by 10's & 1's skip counting sorting repeating patterns reading a calendar yesterday, today and tomorrow money | MARCH Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting beginning addition repeating patterns 2-D shapes morning, noon and night probability and data bar graphs | APRIL Skills & Concepts <ul style="list-style-type: none"> numeral recognition counting beginning addition repeating patterns odd and even numbers 2-D shapes time to the hour probability and data bar graphs | MAY / JUNE Skills & Concepts <ul style="list-style-type: none"> numeral recognition and writing counting sorting repeating patterns morning, noon and night time to the hour |
| 1 | Units UNIT 1: 20 SESSIONS Bugs Galore Sorting, Graphing, Counting, Addition and Subtraction Story Problems | UNIT 2: 25 SESSIONS From Land to Sea Understanding Addition and Subtraction, Facts to 10, Skip Counting | UNIT 3: 21 SESSIONS Lobster Legs & Whale Tails Skip Counting, Counting by 10's and 1's, Addition and Subtraction Story Problems, Coin Worth and Recognition, Counting Money | UNIT 4: 17 SESSIONS Penguins Length, Weight, Temperature, Sorting, Skip Counting and Number Patterns, Facts to 10, Story Problems | UNIT 5: 20 SESSIONS Pattern Blocks, Polydrons & Paper Quilts Composing and decomposing 2- and 3-Dimensional Shapes, Symmetry, Area, Tessellations, Transformations | UNIT 6: 18 SESSIONS My Little Farm Counting by 10's and 1's, Adding and Subtracting 2-Digit Numbers, Area and Perimeter, Story Problems, Skip Counting and Number Patterns | | | |
| | Number Corner AUGUST / SEPTEMBER Skills & Concepts <ul style="list-style-type: none"> numeral recognition and writing skip counting counting by 10's and 1's basic facts (+) sorting patterning counting money temperature | OCTOBER Skills & Concepts <ul style="list-style-type: none"> numeral writing skip counting counting by 10's and 1's basic facts (+) sorting patterning counting money temperature time to the hour | NOVEMBER Skills & Concepts <ul style="list-style-type: none"> numeral writing skip counting counting by 10's and 1's basic facts (+) patterning counting money temperature time to the half hour | DECEMBER Skills & Concepts <ul style="list-style-type: none"> skip counting counting by 10's and 1's 2-digit addition patterning counting money temperature time to the half hour collecting and comparing data | JANUARY Skills & Concepts <ul style="list-style-type: none"> skip counting counting by 10's and 1's basic facts (+ and -) patterning 2-D shapes counting money temperature time to the half hour probability and data | FEBRUARY Skills & Concepts <ul style="list-style-type: none"> skip counting counting by 10's and 1's basic facts (+ and -) 2-digit addition patterning counting money time and temperature collecting and comparing data | MARCH Skills & Concepts <ul style="list-style-type: none"> skip counting counting by 10's and 1's basic facts (+ and -) 2-digit addition patterning counting money time and temperature | APRIL Skills & Concepts <ul style="list-style-type: none"> skip counting counting by 10's and 1's basic facts (+ and -) adding and subtracting 10's patterning counting money temperature area collecting and comparing data | MAY / JUNE Skills & Concepts <ul style="list-style-type: none"> skip counting counting by 100's, 10's and 1's basic facts (+ and -) 2-digit subtraction patterning number patterns counting money time and temperature |
| 2 | Units UNIT 1: 23 SESSIONS Sorting, Patterning & Number Sorting and Graphing, Repeating and Growing Patterns, Skip Counting, Addition and Subtraction | UNIT 2: 13 SESSIONS Hungry Ants Understanding Operations, Posing and Solving Story Problems | UNIT 3: 24 SESSIONS Addition, Subtraction & Probability Addition and Subtraction Facts to 18, Probability and Graphing | UNIT 4: 25 SESSIONS Shapes, Symmetry, Area & Number 2-D and 3-D Shapes, Symmetry, Area, Tessellations, Transformations, Congruence | UNIT 5: 35 SESSIONS Branching into Larger Numbers: Money & Place Value Counting by 100's, 10's and 1's, Comparing and Ordering 2- and 3-Digit Numbers, Adding and Subtracting 2-Digit Numbers | UNIT 6: 13 SESSIONS Get Those Marbles Rolling Linear Measurement, Data Collection and Analysis, Experimental Design | UNIT 7: 29 SESSIONS Games, Graphs & Toys Probability, Data Analysis, Fractions, Adding and Subtracting 2- and 3-Digit Numbers | | |
| | Number Corner AUGUST / SEPTEMBER Skills & Concepts <ul style="list-style-type: none"> skip counting counting by 10's and 1's growing patterns rectangular arrays number patterns counting money | OCTOBER Skills & Concepts <ul style="list-style-type: none"> skip counting counting by 10's and 1's basic facts (+ and -) repeating patterns number patterns counting money | NOVEMBER Skills & Concepts <ul style="list-style-type: none"> counting by 10's and 1's 2-digit addition sorting repeating and growing patterns number patterns length bar graphs | DECEMBER Skills & Concepts <ul style="list-style-type: none"> counting by 10's and 1's fractions repeating patterns 2-D shapes telling time probability and data | JANUARY Skills & Concepts <ul style="list-style-type: none"> counting by 10's and 1's basic facts (+ and -) 2-digit addition fractions repeating patterns number patterns weight probability and data | FEBRUARY Skills & Concepts <ul style="list-style-type: none"> counting by 100's, 10's and 1's basic facts (+ and -) 2- and 3-digit addition sorting repeating and growing patterns counting money capacity bar graphs | MARCH Skills & Concepts <ul style="list-style-type: none"> counting by 100's, 10's and 1's basic facts (+ and -) 2- and 3-digit subtraction fractions number patterns telling time counting money | APRIL Skills & Concepts <ul style="list-style-type: none"> counting by 100's, 10's and 1's 2- and 3-digit subtraction sorting repeating and growing patterns number patterns telling time area and perimeter bar graphs | MAY / JUNE Skills & Concepts <ul style="list-style-type: none"> counting by 100's, 10's and 1's basic facts (+, - and x) 2- and 3-digit addition and subtraction 3-D shapes number patterns telling time money |



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| 3 | Units UNIT 1: 20 SESSIONS Computation, Algebraic Thinking & Probability Addition and Subtraction Facts to 20, Patterns and Functions, Length | UNIT 2: 30 SESSIONS Place Value Structures & Multi-Digit Computation Numbers to 1,000, 2- and 3-Digit Addition and Subtraction, Length | | UNIT 3: 15 SESSIONS Two- & Three-Dimensional Geometry Properties, Transformations, Congruence, Symmetry, Angles | UNIT 4: 24 SESSIONS Multiplication & Division Patterns & Concepts Multiplication Facts to 10, Concept of Division, Area, Weight | UNIT 5: 20 SESSIONS Place Value & Computation with Larger Numbers Numbers to 10,000, 3- and 4-Digit Addition & Subtraction, Mass, Area and Perimeter | UNIT 6: 18 SESSIONS Money, Fractions & Probability Fractions, Decimals, Probability Experiments, Capacity | UNIT 7: 20 SESSIONS Three-Dimensional Geometry, Multiplication & Data Analysis Properties of 3-D Shapes, 1- by 2-digit Multiplication, Capacity | UNIT 8: 15 SESSIONS Bridges Design & Construction Data Collection and Analysis, Experimental Design | | |
| | Number Corner AUGUST / SEPTEMBER Skills & Concepts <ul style="list-style-type: none"> • skip counting • basic facts (+ and -) • repeating patterns • measuring devices and units • length, weight, time, capacity • counting money | OCTOBER Skills & Concepts <ul style="list-style-type: none"> • basic facts (- and x) • number patterns • time to the minute • area • probability and data | NOVEMBER Skills & Concepts <ul style="list-style-type: none"> • 2-digit addition and subtraction • geometric patterns • 2-D shapes • angles, symmetry, congruence • time and temperature | DECEMBER Skills & Concepts <ul style="list-style-type: none"> • place value • multi-digit addition and subtraction • basic facts (x) • fractions • number patterns • elapsed time • temperature • picture and bar graphs | JANUARY Skills & Concepts <ul style="list-style-type: none"> • multi-digit addition, subtraction, and multiplication • story problems (+ and -) • fractions • number patterns • money • elapsed time • temperature | FEBRUARY Skills & Concepts <ul style="list-style-type: none"> • place value • multi-digit addition and subtraction • basic facts (x) • number patterns • counting money • making change • picture and bar graphs | MARCH Skills & Concepts <ul style="list-style-type: none"> • basic facts (x and ÷) • multi-digit addition, subtraction, and multiplication • repeating patterns • 3-D shapes • elapsed time • length and perimeter | APRIL Skills & Concepts <ul style="list-style-type: none"> • basic facts (x) • multi-digit addition, subtraction, and multiplication • fractions • story problems (+ and -) • number patterns • probability and data | MAY / JUNE Skills & Concepts <ul style="list-style-type: none"> • rounding and estimation • basic facts (+, -, x and ÷) • multi-digit multiplication • fractions • number patterns • probability and data | | |
| 4 | Units UNIT 1: 21 SESSIONS Multiplication & Division Models 2-D Shapes, Area, Basic Multiplication and Division Facts, Properties of Operations | UNIT 2: 21 SESSIONS Place Value & Multiplication with Larger Numbers Numbers to 100,000, Multi-Digit Multiplication | | UNIT 3: 20 SESSIONS Fractions & Division Fraction Models and Meanings, Equivalent Fractions, Division with and without Remainders | | UNIT 4: 21 SESSIONS Geometry & Measurement Transformations and Congruence, Symmetry, Angles, Area & Volume | | UNIT 5: 18 SESSIONS Probability & Data Analysis Picture, Bar and Circle Graphs, The Language of Probability | UNIT 6: 22 SESSIONS Fractions and Decimals Modeling and Reading Decimals, Understanding Decimal/Fraction Connections | UNIT 7: 14 SESSIONS Algebraic Thinking Patterns and Functions, Graphing, Exploring the Concept of a Variable | UNIT 8: 19 SESSIONS Wingspans Measurement, Data Collection and Analysis |
| | Number Corner AUGUST / SEPTEMBER Skills & Concepts <ul style="list-style-type: none"> • place value • basic facts (x) • multiples • patterns and functions • length | OCTOBER Skills & Concepts <ul style="list-style-type: none"> • place value • basic facts (x and ÷) • story problems (multi-digit + and -) • growing patterns • capacity | NOVEMBER Skills & Concepts <ul style="list-style-type: none"> • basic facts (x and ÷) • story problems (multi-digit x and ÷) • repeating patterns • transformations • length | DECEMBER Skills & Concepts <ul style="list-style-type: none"> • rounding and estimating • basic facts (x and ÷) • fractions • number patterns | JANUARY Skills & Concepts <ul style="list-style-type: none"> • rounding and estimating • basic facts (x and ÷) • growing patterns • elapsed time • probability and data | FEBRUARY Skills & Concepts <ul style="list-style-type: none"> • basic facts (x and ÷) • story problems (multi-digit x and ÷) • patterns and functions • probability and data | MARCH Skills & Concepts <ul style="list-style-type: none"> • rounding • basic facts (÷) • fractions • number patterns • capacity • line graphs | APRIL Skills & Concepts <ul style="list-style-type: none"> • basic facts (÷) • story problems (multi-digit x and ÷) • fractions and decimals • number patterns • 2-D shapes • perimeter | MAY / JUNE Skills & Concepts <ul style="list-style-type: none"> • basic facts (+, -, x and ÷) • story problems (multi-digit +, -, x and ÷) • coordinate grids | | |
| 5 | Units UNIT 1: 21 SESSIONS Connecting Mathematical Topics Properties of Operations, Data Analysis, Patterns and Functions | UNIT 2: 21 SESSIONS Seeing & Understanding Multi-Digit Multiplication & Division Numbers to 1,000,000, Computation, Area and Perimeter | UNIT 3: 22 SESSIONS Geometry & Measurement Transformations and Congruence, Symmetry, Angle Measure, Volume and Surface Area | | UNIT 4: 23 SESSIONS Multiplication, Division & Fractions Multi-Digit Computation, Fraction Models and Meanings, Adding and Subtracting Fractions | | UNIT 5: 19 SESSIONS Probability and Data Analysis Bar, Double Bar and Circle Graphs, Theoretical and Experimental Probability | UNIT 6: 19 SESSIONS Fractions, Decimals & Percents Models and Meanings of Fractions, Decimals and Percents, Adding and Subtracting Fractions and Decimals | UNIT 7: 16 SESSIONS Algebraic Thinking Properties of Operations, Patterns and Functions, Graphing, Equations | UNIT 8: 12 SESSIONS Spinning Tops Data Collection and Analysis, Experimental Design, Geometry | |
| | Number Corner AUGUST / SEPTEMBER Skills & Concepts <ul style="list-style-type: none"> • basic facts (+, -, x and ÷) • repeating patterns • 2-D shapes • line & rotational symmetry • probability & data | OCTOBER Skills & Concepts <ul style="list-style-type: none"> • basic facts (x) • factors • repeating patterns • similar figures • area • range, mode, median and mean | NOVEMBER Skills & Concepts <ul style="list-style-type: none"> • multi-digit multiplication • fractions and decimals • number patterns • capacity | DECEMBER Skills & Concepts <ul style="list-style-type: none"> • rounding and estimation • multi-digit multiplication • repeating patterns • congruent figures • line and rotational symmetry • weight • line graphs | JANUARY Skills & Concepts <ul style="list-style-type: none"> • multi-digit multiplication • number patterns • volume • temperature, • line graphs • data analysis | FEBRUARY Skills & Concepts <ul style="list-style-type: none"> • multi-digit division • fractions and decimals • patterns and functions • probability and data | MARCH Skills & Concepts <ul style="list-style-type: none"> • primes, composites, factors and multiples • fractions and decimals • coordinate grids • elapsed time • line graphs | APRIL Skills & Concepts <ul style="list-style-type: none"> • place value • fractions • number patterns • volume and surface area | MAY / JUNE Skills & Concepts <ul style="list-style-type: none"> • multi-digit division • number patterns • angle measure • transformations | | |