ORIGO
STEPPING STONES

Grades K–5 Program Content

ORIGO EDUCATION

Module	Grade K – Lessons		Grade 1 – Lessons			
1	1	Creating Groups of Objects	1	Identifying Quantities 1 to 6	7	Representing Teen Numbers
	2	Creating Groups to Match Pictures	2	Identifying Quantities 1 to 10	8	Writing Teen Numbers
	3	Creating Groups to Match Numerals	3	Writing Numerals 0 to 9	9	Comparing Teen Numbers
	4	Creating Groups to Match Numerals and Number Names	4	Matching Representations for 1 to 10	10	Ordering 1 to 19
	5	Showing the Sorting	5	Recognizing Quantities by Sight	11	Reading Ordinal Number Names
	6	Sorting in Many Ways	6	Analyzing Teen Numbers	12	Matching Ordinal Number Names and Symbols
2	1	Using the Five-Frame	1	Identifying One More and One Less	7	Using the Commutative Property of Addition with Count-On Facts
	2	Matching Quantities	2	Counting in Steps of 2	8	Using a Number Track to Count On (to 20)
	3	Writing Numerals 1 to 6	3	Counting On from 5	9	Using Comparison Language to Describe Lengths
	4	Writing Numerals 7 to 10, and 0	4	Using a Number Track to Count On (to 15)	10	Counting Non-Standard Units to Measure Length
	5	Matching Number Names, Pictures, and Numerals	5	Using the Count-On Strategy with Coins	11	Measuring Length Using the Same Non-Standard Units
	6	Making Yes/No Graphs	6	Using the Count-On Strategy	12	Measuring Length Using Different Non-Standard Units
3	1	Recognizing Quantities by Sight	1	Naming Groups of Ten	7	Working with Tens and Ones (Dimes and Pennies)
	2	Introducing the Number Track	2	Writing Tens and Ones (without Zeros)	8	Introducing Time on the Hour (Analog Clocks)
	3	Exploring the Relative Position of 1 to 10	3	Writing Tens and Ones, and Number Names	9	Working with Time on the Hour (Analog Clocks)
	4	Writing Numerals Before and After 1 to 9	4	Writing Tens and Ones (with Zeros)	10	Reading Time on the Hour (Digital Clocks)
	5	Using Spatial Language	5	Representing Tens and Ones	11	Reading and Writing Analog and Digital Times
	6	Identifying Left and Right	6	Working with Ten as a Group	12	Sequencing Events
4	1	Comparing Quantities	1	Developing Subtraction Language	7	Identifying Full and Empty
	2	Identifying Quantities that are Greater	2	Using Subtraction Language	8	Exploring Capacity
	3	Identifying Quantities that are Less	3	Working with the Subtraction Symbol (–)	9	Working with Capacity
	4	Comparing 1 to 10 Represented as Numerals	4	Writing Related Subtraction Sentences	10	Measuring Capacity with Non-Standard Units
	5	Comparing and Ordering Lengths	5	Solving Word Problems Involving Addition and Subtraction	11	Using a Pan Balance to Compare Weight
	6	Comparing Lengths	6	Writing Addition and Subtraction Number Sentences	12	Using Non-Standard Units to Compare Weight
5	1	Developing the Concept of Zero	1	Writing Doubles Addition Sentences	7	Investigating Directions and Turns
	2	Representing 0 to 10	2	Introducing the Double-Plus-1 Strategy for Addition	8	Identifying Features of Angles
	3	Working with Benchmarks of 5	3	Reinforcing the Double-Plus-1 Strategy for Addition	9	Analyzing 2D Shapes
	4	Using Benchmarks of 10	4	Introducing the Double-Plus-2 Strategy for Addition	10	Sorting 2D Shapes
	5	Continuing Repeating Patterns	5	Reinforcing the Double-Plus-2 Strategy for Addition	11	Identifying 2D Shapes
	6	Continuing Growing Patterns	6	Comparing Addition Strategies	12	Joining 2D Shapes
6	1	Introducing the Addition Concept (Active Stories)	1	Working with Tens and Ones	7	Working with Place Value on a Hundred Chart
	2	Adding Two Groups	2	Representing Two-Digit Numbers	8	Skip Counting by 5 and 10
	3	Writing Addition Sentences	3	Using a Pan Balance to Compare Quantities	9	Skip Counting by 2
	4	Using a Number Track to Add	4	Comparing Quantities Less Than 100	10	Solving Number Puzzles on a Hundred Chart
	5	Comparing Weight	5	Comparing Two-Digit Numbers (Place Value)	11	Exploring Repeating Patterns
	6	Introducing the Pan Balance	6	Ordering Two-Digit Numbers	12	Exploring Growing and Shrinking Patterns
7	1	Introducing the Idea of Balance	1	Exploring Combinations of Ten	7	Applying Addition Strategies
	2	Reinforcing the Language of Equality	2	Using the Associative Property of Addition with Three Whole Numbers	8	Working with Equal Groups
	3	Introducing the Equality Symbol (=)	3	Introducing the Make-Ten Strategy for Addition	9	Sharing Between Two
	4	Balancing Addition Sentences	4	Using the Make-Ten Strategy for Addition	10	Identifying One-Half of a Collection
	5	Sorting 3D Objects	5	Using the Commutative Property of Addition with Make-Ten Facts	11	Identifying One-Half of Amounts of Money
	6	Identifying 3D Objects	6	Consolidating Addition Strategies	12	Identifying One-Half of a Region
8	1	Introducing the Addition Symbol (+)	1	Identifying the Parts and Total	7	Counting On and Back to Subtract
	2	Using the Commutative Property of Addition	2	Writing Related Addition and Subtraction Facts	8	Decomposing a Number to Solve Subtraction Problems
	3	Introducing the “Think Big, Count Small” Idea	3	Writing Fact Families	9	Working with Cycles of Time
	4	Identifying Two Parts that Total 10	4	Introducing Unknown-Addend Subtraction	10	Introducing Time Half Past the Hour (Analog Clocks)
	5	Identifying and Using 3D Objects	5	Using Addition to Solve Subtraction Problems	11	Reading and Writing Time Half Past the Hour (Digital Clocks)
	6	Sorting 2D Shapes and 3D Objects	6	Working with Addition and Subtraction	12	Relating Analog and Digital Time
9	1	Introducing the Subtraction Concept (Active Stories)	1	Balancing Equations (Two Addends)	7	Recording Results of Comparisons with Symbols
	2	Representing Subtraction Situations	2	Balancing Equations (More Than Two Addends)	8	Sharing Among Four
	3	Acting Out Take-Away Situations	3	Working with Equality	9	Identifying One-Fourth of a Collection
	4	Writing Subtraction Sentences	4	Representing Word Problems	10	Identifying One-Fourth of a Region
	5	Analyzing 2D Shapes	5	Working with Inequality	11	Identifying One-Half and One-Fourth of a Region
	6	Identifying 2D Shapes	6	Introducing Comparison Symbols	12	Identifying One-Fourth of Amounts of Money
10	1	Introducing the Subtraction Symbol (–)	1	Extending the Count-On Strategy Beyond the Facts	7	Exploring Subtraction Patterns
	2	Using the Subtraction Symbol	2	Exploring Addition Patterns	8	Counting Back Multiples of 10 (Off the Decade)
	3	Matching Representations for 14, 16, and 17	3	Counting Multiples of 10 (Off the Decade)	9	Identifying and Sorting 3D Objects
	4	Matching Representations for 19, 18, and 15	4	Adding Multiples of 10 Cents	10	Analyzing 3D Objects
	5	Drawing 2D Shapes	5	Using Place Value (Hundred Chart) to Add One- and Two-Digit Numbers	11	Making 3D Objects
	6	Joining 2D Shapes	6	Extending the Count-Back Strategy Beyond the Facts	12	Joining 3D Objects
11	1	Matching Representations for 13, 12, and 11	1	Adding Multiples of 10 (On the Decade)	7	Subtracting Multiples of 10 (Off the Decade)
	2	Analyzing Teen Numbers	2	Adding Multiples of 10 (Off the Decade)	8	Constructing and Interpreting a Tally Chart
	3	Working with Teen Numbers	3	Using Place Value (Hundred Chart) to Add Two-Digit Numbers	9	Constructing and Interpreting a Vertical Picture Graph
	4	Representing 11 to 20	4	Using Place Value (Base-10 Blocks) to Add Two-Digit Numbers	10	Constructing and Interpreting a Horizontal Picture Graph
	5	Representing Teen Numbers with Pennies	5	Using Place Value (Base-10 Blocks) to Add Two-Digit Numbers (with Bridging)	11	Constructing and Interpreting a Horizontal Bar Graph
	6	Representing Teen Numbers with Dimes and Pennies	6	Subtracting Multiples of 10 (On the Decade)	12	Constructing and Interpreting a Vertical Bar Graph
12	1	Working with Addition	1	Analyzing 100	7	Writing Three-Digit Numbers to 130
	2	Working with Subtraction	2	Writing Three-Digit Numbers to 130 (without Internal Zeros or Teens)	8	Exploring the Counting Sequence to 130
	3	Determining One More or One Less	3	Writing Three-Digit Numbers to 130 (without Teens)	9	Comparing Quantities Greater Than 100
	4	Identifying One More and One Less	4	Writing Numerals and Number Names to 130 (without Teens)	10	Relating Dollars, Dimes, and Pennies
	5	Discussing Short and Long Time Durations	5	Writing Three-Digit Numbers to 130 (with Teens)	11	Relating Dollars, Quarters, and Nickels
	6	Ordering the Days of the Week	6	Writing Numerals and Number Names to 130 (with Teens)	12	Paying with Coins

Module	Grade 2 – Lessons				Grade 3 – Lessons			
1	1	Writing Tens and Ones, and Number Names	7	Comparing Two-Digit Numbers on a Number Line	1	Using Place Value with Three-Digit Numbers	7	Introducing the Tens Multiplication Facts
	2	Writing Two-Digit Numbers	8	Comparing and Ordering Two-Digit Numbers	2	Writing Three-Digit Numbers in Words	8	Introducing the Fives Multiplication Facts
	3	Reading and Writing Two-Digit Numbers	9	Exploring Properties of Odd and Even Numbers	3	Comparing and Ordering Three-Digit Numbers	9	Reinforcing the Tens and Fives Multiplication Facts
	4	Exploring the Relative Position of Two-Digit Numbers on a Number Track	10	Solving Number Puzzles on a Hundred Chart	4	Rounding Three-Digit Whole Numbers	10	Introducing Gallons
	5	Exploring the Relative Position of Two-Digit Numbers on a Number Line	11	Sorting Data in Different Ways	5	Reviewing Multiplication Concepts	11	Working with Parts of a Liter
	6	Working with Two-Digit Numbers on a Number Line	12	Interpreting and Constructing One-to-One Picture Graphs	6	Reviewing the Array Model of Multiplication	12	Solving Word Problems Involving Liquid Volume (Capacity)
2	1	Working with Addition	7	Using Place Value (Number Line) to Add Two-Digit Numbers	1	Investigating Addition Number Patterns	7	Reviewing the Count-Back Strategy for Subtraction
	2	Using the Commutative Property of Addition with Count-On Facts	8	Reading and Writing Time on the Hour and Half Past the Hour	2	Estimating with Addition	8	Reviewing the Count-On Strategy for Subtraction
	3	Relating Addition and Subtraction (Count-On Facts)	9	Working with Duration (Hours)	3	Introducing the Compensation Strategy for Addition	9	Using 100 as a Benchmark to Subtract
	4	Working with Count-On Fact Families	10	Identifying Five-Minute Intervals	4	Using Place Value to Add Two- and Three-Digit Numbers	10	Consolidating Subtraction Strategies
	5	Extending the Count-On Strategy to Two-Digit Numbers	11	Working with Five-Minute Intervals	5	Using Place Value to Add Three-Digit Numbers	11	Exploring Written Methods for Subtraction
	6	Using Place Value (Hundred Chart) to Add Two-Digit Numbers	12	Working with Duration (Hours and Minutes)	6	Estimating with Subtraction	12	Solving Word Problems Involving Addition or Subtraction
3	1	Working with Hundreds	7	Measuring Length with Uniform Non-Standard Units	1	Introducing the Twos Multiplication Facts	7	Reading and Writing Times to the Nearest Minute
	2	Writing Three-Digit Numbers	8	Introducing the Inch	2	Reinforcing the Twos Multiplication Facts	8	Relating Analog and Digital Times
	3	Reading and Representing Three-Digit Numbers	9	Working with Inches	3	Extending the Twos Multiplication Facts	9	Relating Times Past and To the Hour
	4	Writing Three-Digit Number Names	10	Introducing Feet	4	Introducing the Fours Multiplication Facts	10	Reading Times to the Minute in Different Ways
	5	Writing Three-Digit Numerals	11	Working with Feet and Inches	5	Reinforcing the Fours Multiplication Facts	11	Measuring Time Intervals in Minutes
	6	Identifying Three-Digit Numbers on a Number Line	12	Introducing Yards	6	Solving Word Problems Involving Multiplication	12	Solving Word Problems Involving Elapsed Time
4	1	Exploring the Comparison Model of Subtraction	7	Working with Doubles Fact Families	1	Writing Four-Digit Numbers	7	Exploring Place Value of Four-Digit Numbers
	2	Extending the Count-Back Strategy to Two-Digit Numbers	8	Extending the Doubles Addition Strategy Beyond the Facts	2	Representing Four-Digit Numbers	8	Reviewing Fractions
	3	Using Place Value (Hundred Chart) to Subtract Two-Digit Numbers	9	Working with Time Quarter Past the Hour	3	Writing Four-Digit Numbers in Numerals and Words	9	Reviewing the Area Model of Fractions
	4	Using Place Value (Number Line) to Subtract Two-Digit Numbers	10	Identifying and Recording Time Using a.m. and p.m.	4	Locating Four-Digit Numbers on a Number Line	10	Writing Fractions in Words
	5	Working with the Doubles Addition Strategy	11	Working with Timetables and Duration	5	Working with Place Value of Four-Digit Numbers	11	Writing Common Fractions
	6	Relating Addition and Subtraction (Doubles Facts)	12	Working with the Calendar	6	Comparing and Ordering Four-Digit Numbers	12	Relating Fraction Words and Symbols
5	1	Representing Three-Digit Numbers (with Zeros)	7	Marking the Direction of Turn	1	Reviewing Division Models	7	Introducing the Twos and Fours Division Facts
	2	Representing Three-Digit Numbers (with Teens and Zeros)	8	Describing Amounts of Turn	2	Introducing the Division Symbol (÷)	8	Reinforcing the Twos and Fours Division Facts
	3	Writing Three-Digit Numbers in Numerals and Words	9	Identifying Polygons	3	Connecting Multiplication and Division	9	Exploring Relationships Between 2D Shapes
	4	Working with Three-Digit Numbers to One Thousand	10	Identifying Quadrilaterals	4	Introducing the Tens Division Facts	10	Exploring Rectangles
	5	Comparing Three-Digit Numbers	11	Working with Polygons	5	Introducing the Fives Division Facts	11	Exploring Rhombuses
	6	Ordering Three-Digit Numbers	12	Drawing 2D Shapes	6	Reinforcing the Tens and Fives Division Facts	12	Exploring Quadrilaterals
6	1	Using the Make-Ten Addition Strategy	7	Using Place Value to Add Two-Digit Numbers (with Bridging)	1	Introducing the Eights Multiplication Facts	7	Solving Word Problems Involving Multiplication
	2	Working with Make-Ten Fact Families	8	Introducing Centimeters	2	Reinforcing the Eights Multiplication Facts	8	Exploring Related Partitions (Fraction Strips)
	3	Extending the Make-Ten Addition Strategy Beyond the Facts	9	Measuring with Centimeters	3	Exploring Patterns with the Eights Multiplication Facts	9	Exploring the Additive Nature of Common Fractions
	4	Analyzing Addition Patterns (with Bridging)	10	Introducing Meters	4	Introducing the Ones Multiplication Facts	10	Exploring Improper Fractions (Number Line Model)
	5	Extending the Doubles Addition Strategy	11	Working with Meters	5	Introducing the Zeros Multiplication Facts	11	Exploring Improper Fractions (Area Model)
	6	Using Place Value to Add Two-Digit Numbers	12	Using Line Plots to Record Length	6	Reinforcing the Ones and Zeros Multiplication Facts	12	Identifying Fractions
7	1	Skip Counting by 2 or 5	7	Using the Turnaround Idea with Arrays	1	Reviewing and Extending the Tens Multiplication Facts	7	Reinforcing the Eights Division Facts
	2	Adding Jumps of 2 or 5	8	Identifying and Comparing Amounts of Money	2	Introducing the Nines Multiplication Facts	8	Introducing the Ones Division Facts
	3	Describing Equal Groups	9	Relating Amounts of Money	3	Reinforcing the Nines Multiplication Facts	9	Introducing the Zeros Division Facts
	4	Adding Equal Groups	10	Working with Cents	4	Exploring More Patterns with the Nines Facts	10	Introducing Many-to-One Picture Graphs
	5	Describing Arrays	11	Working with Dollars	5	Solving Word Problems Involving Multiplication	11	Working with Bar Graphs
	6	Adding Equal Rows	12	Working with Dollars and Cents	6	Introducing the Eights Division Facts	12	Working with Line Plots
8	1	Composing and Decomposing Two-Digit Numbers	7	Using Place Value (Number Line) to Solve Subtraction Problems	1	Reviewing Informal Methods to Add Three-Digit Numbers	7	Introducing the Nines Division Facts
	2	Subtracting One-Digit Numbers from Two-Digit Numbers	8	Introducing the Pound	2	Introducing the Standard Addition Algorithm	8	Reinforcing the Nines Division Facts
	3	Calculating Difference Between Two-Digit Numbers	9	Working with Pounds	3	Working with the Standard Addition Algorithm (Composing Tens)	9	Solving Word Problems Involving Division
	4	Consolidating Subtraction with Two-Digit Numbers	10	Introducing the Kilogram	4	Working with the Standard Addition Algorithm (Composing Hundreds)	10	Reading Scales and Working with Parts of a Kilogram
	5	Relating Addition and Subtraction Beyond the Facts	11	Working with Kilograms	5	Using the Standard Algorithm to Add Three-Digit Numbers	11	Building a Picture of Grams
	6	Using the Unknown Addend Strategy to Subtract Two-Digit Numbers	12	Comparing Customary and Metric Units of Mass	6	Solving Word Problems Involving Addition	12	Solving Word Problems Involving Grams and Kilograms
9	1	Exploring the Relative Position of Three-Digit Numbers	7	Identifying One-Half, One-Fourth, and One-Third of a Collection	1	Introducing the Sixes Multiplication Facts	7	Solving Word Problems Involving Multiplication
	2	Estimating Answers (Adding within 100)	8	Identifying One-Half, One-Fourth, and One-Third of a Region	2	Reinforcing the Sixes Multiplication Facts	8	Introducing the Sixes and Last Division Facts
	3	Estimating Answers (Subtracting within 100)	9	Exploring Fractions	3	Introducing the Last Multiplication Facts	9	Reinforcing the Sixes and Last Division Facts
	4	Using the Associative Property of Addition with Three One- and Two-Digit Numbers	10	Analyzing Fractions	4	Exploring Square Number Patterns	10	Investigating Order with Multiple Operations
	5	Using the Associative Property of Addition with Four One- and Two-Digit Numbers	11	Working with Parts of a Whole (Equal Size)	5	Working with All Multiplication Facts	11	Solving Problems Involving Multiple Operations
	6	Solving Word Problems	12	Exploring Area	6	Exploring the Associative Property of Multiplication	12	Writing Equations to Match Two-Step Word Problems
10	1	Extending the Count-On Strategy to Three-Digit Numbers	7	Adding Three-Digit Numbers (with Bridging)	1	Exploring Area with Customary Units	7	Exploring the Area of Composite Shapes
	2	Adding Two- and Three-Digit Numbers	8	Consolidating Addition with Three-Digit Numbers	2	Exploring Area with Metric Units	8	Calculating the Area of Composite Shapes
	3	Adding Three-Digit Numbers	9	Identifying Polyhedrons	3	Using Multiplication to Calculate Area	9	Comparing Angles Using Non-Standard Units
	4	Composing Three-Digit Numbers	10	Identifying Pyramids	4	Identifying Dimensions of Rectangles	10	Measuring Angles as Fractions
	5	Adding One- and Three-Digit Numbers (with Bridging)	11	Investigating 3D Objects	5	Solving Word Problems Involving Area	11	Identifying Prisms
	6	Adding Two- and Three-Digit Numbers (with Bridging)	12	Drawing 3D Objects	6	Using the Distributive Property of Multiplication to Calculate Area	12	Comparing Prisms and Pyramids
11	1	Extending the Count-Back Strategy to Three-Digit Numbers	7	Introducing the Multiplication Symbol (×)	1	Identifying Equivalent Fractions (Area Model)	7	Introducing the Standard Subtraction Algorithm
	2	Using Place Value to Subtract Two-Digit Numbers from Three-Digit Numbers	8	Using Multiplication (Equal Groups)	2	Exploring Equivalent Fractions (Area Model)	8	Working with the Standard Subtraction Algorithm (Decomposing Tens in Two-Digit Numbers)
	3	Using Place Value to Subtract Three-Digit Numbers	9	Using Division Language (Sharing)	3	Using an Area Model to Compare Fractions (Same Denominators)	9	Working with the Standard Subtraction Algorithm (Decomposing Tens in Three-Digit Numbers)
	4	Consolidating Subtraction of Two- and Three-Digit Numbers	10	Relating Multiplication and Division (Sharing)	4	Relating and Comparing Unit Fractions (Related or Unrelated Denominators)	10	Working with the Standard Subtraction Algorithm (Decomposing Hundreds)
	5	Using a Place-Value Strategy to Subtract Three-Digit Numbers	11	Using Division Language (Grouping)	5	Using a Length Model to Compare Fractions (Different Denominators)	11	Exploring Subtraction Involving Zero
	6	Using a Place-Value Strategy to Solve Subtraction Problems	12	Relating Multiplication and Division (Grouping)	6	Reviewing Informal Methods to Subtract	12	Consolidating Subtraction Methods
12	1	Decomposing Three-Digit Numbers	7	Consolidating Subtraction of Three-Digit Numbers (with Bridging)	1	Identifying Equivalent Fractions (Number Line Model)	7	Ordering Fractions
	2	Subtracting One-Digit Numbers from Three-Digit Numbers (with Bridging)	8	Consolidating Subtraction of Two- and Three-Digit Numbers (with Bridging)	2	Exploring Equivalent Fractions (Number Line Model)	8	Analyzing Whole Numbers and Fractions
	3	Consolidating Subtraction of One-Digit Numbers (with Bridging)	9	Introducing Cups, Pints, and Quarts	3	Solving Word Problems Involving Fractions	9	Exploring the Perimeter of Irregular Polygons
	4	Using Place Value to Subtract Two-Digit Numbers from Three-Digit Numbers (with Bridging)	10	Working with Cups, Pints, and Quarts	4	Using a Number Line Model to Compare Fractions (Same Denominators)	10	Exploring the Perimeter of Regular Polygons
	5	Consolidating Subtraction of Two-Digit Numbers (with Bridging)	11	Introducing Liters	5	Using a Number Line Model to Compare Unit Fractions (Related and Unrelated Denominators)	11	Solving Word Problems Involving Perimeter
	6	Using Place Value to Subtract Three-Digit Numbers (with Bridging)	12	Working with a Liter	6	Using a Number Line Model to Compare Fractions (Different Denominators)	12	Exploring the Connection Between Perimeter and Area

Module	Grade 4 – Lessons				Grade 5 – Lessons			
1	1	Reading and Writing Four-Digit Numbers	7	Comparing and Ordering Five-Digit Numbers	1	Analyzing Six-Digit Numbers	7	Working with Millions Expressed as Fractions
	2	Analyzing Four-Digit Numbers	8	Rounding Five-Digit Numbers	2	Building a Picture of One Million	8	Reviewing Multiplication Patterns
	3	Comparing and Ordering Four-Digit Numbers	9	Reinforcing Rounding with Five-Digit Numbers	3	Reading and Writing Seven-Digit Numbers	9	Reviewing the Double-and-Halve Strategy for Multiplication
	4	Building a Picture of Ten Thousand	10	Investigating Square Number Patterns	4	Locating Large Numbers on a Number Line	10	Factoring to Multiply Two-Digit Numbers
	5	Reading and Writing Five-Digit Numbers	11	Following and Identifying Pattern Rules	5	Using Place Value to Compare and Order Seven-Digit Numbers	11	Using Partial Products to Multiply (Distributive Property)
	6	Analyzing Five-Digit Numbers	12	Writing Word Rules for Patterns	6	Reading and Writing Eight- and Nine-Digit Numbers	12	Comparing Mental Strategies for Multiplication
2	1	Reviewing Addition Strategies	7	Using the Standard Addition Algorithm with Large Numbers	1	Reviewing Common Fractions and Mixed Numbers (Number Line Model)	7	Reviewing Decimal Fractions (Tenths and Hundredths)
	2	Reviewing Subtraction Strategies	8	Adding Multiple Addends	2	Reviewing Equivalent Common Fractions (Related Denominators)	8	Introducing Thousandths (Area Model)
	3	Estimating with Addition and Subtraction	9	Solving Word Problems Involving Addition	3	Reviewing Equivalent Common Fractions (Related and Unrelated Denominators)	9	Reading and Writing Thousandths (without Zeros and Teens)
	4	Reviewing the Standard Algorithm for Addition (Composing Tens)	10	Reviewing Time Measurement	4	Reviewing the Conversion of Improper Fractions to Mixed Numbers	10	Reading and Writing Thousandths (with Zeros and Teens)
	5	Using the Standard Algorithm for Addition (Composing Hundreds)	11	Converting Between Units of Time	5	Reviewing the Conversion of Mixed Numbers to Improper Fractions	11	Locating Thousandths on a Number Line
	6	Using the Standard Algorithm for Addition (Regrouping in Any Place)	12	Introducing Seconds	6	Reviewing Strategies for Comparing Common Fractions	12	Decomposing Thousandths
3	1	Relating Multiples and Factors	7	Reinforcing the Associative and Commutative Properties of Multiplication	1	Introducing the Standard Algorithm for Multiplication	7	Exploring Volume
	2	Finding Pairs of Factors	8	Consolidating Multiplication Strategies	2	Using the Standard Algorithm to Multiply Three- and Four-Digit Numbers (with Regrouping)	8	Analyzing Unit Cubes and Measuring Volume
	3	Introducing the Double-and-Halve Strategy for Multiplication	9	Reviewing Fraction Concepts	3	Using the Standard Algorithm to Multiply Two Two-Digit Numbers	9	Developing a Formula to Calculate Volume
	4	Identifying Prime and Composite Numbers	10	Reviewing Equivalent Fractions	4	Using the Standard Algorithm to Multiply Three- and Two-Digit Numbers	10	Finding the Dimensions of Prisms with a Given Volume
	5	Constructing Factor Trees	11	Comparing Common Fractions (Length Model)	5	Extending the Standard Multiplication Algorithm	11	Working with Volume
	6	Using the Associative and Commutative Properties of Multiplication	12	Comparing and Ordering Common Fractions (Number Line Model)	6	Solving Word Problems Involving Multiplication	12	Solving Word Problems Involving Volume
4	1	Reviewing the Standard Subtraction Algorithm (Decomposing Tens or Hundreds)	7	Solving Multi-Step Word Problems Involving Subtraction	1	Reviewing Addition of Common Fractions and Mixed Numbers (Same Denominators)	7	Adding Common Fractions and Mixed Numbers (Unrelated Denominators)
	2	Using the Standard Subtraction Algorithm (Decomposing Multiple Places)	8	Reviewing the Relationship Between Multiplication and Division	2	Adding Common Fractions (Related Denominators)	8	Solving Multi-Step Word Problems Involving Mixed Numbers
	3	Using the Standard Subtraction Algorithm (with Large Numbers)	9	Finding Whole-Number Quotients and Remainders	3	Adding Common Fractions (Unrelated Denominators)	9	Investigating Order with One Operation
	4	Analyzing Decomposition Across Places Involving Zero (with Three-Digit Numbers)	10	Investigating Multiplication Patterns	4	Adding Mixed Numbers (Related Denominators)	10	Investigating Order with Two Operations
	5	Analyzing Decomposition Across Places Involving Zero (with Large Numbers)	11	Investigating Division Patterns	5	Adding Mixed Numbers (Unrelated Denominators)	11	Working with Expressions (without Parentheses)
	6	Consolidating the Standard Subtraction Algorithm	12	Using Partitioning and Multiplication to Help Divide	6	Adding Mixed Numbers (Unrelated Denominators and Composing Whole Numbers)	12	Working with Expressions (with Parentheses)
5	1	Making Equivalent Fractions (Area Model)	7	Adding Common Fractions (Number Line Model)	1	Comparing and Ordering Thousandths	7	Using a Written Method to Add Two Decimal Fractions
	2	Calculating Equivalent Fractions	8	Solving Word Problems Involving Fractions	2	Comparing and Ordering All Decimal Fractions	8	Using a Written Method to Add More Than Two Decimal Fractions
	3	Comparing Common Fractions (Related Denominators)	9	Identifying Fractions of a Full Turn	3	Rounding Thousandths	9	Describing Polygons
	4	Finding Common Denominators	10	Using a Protractor to Measure Angles	4	Rounding All Decimal Fractions	10	Identifying Parallelograms
	5	Finding Common Denominators to Compare Common Fractions	11	Identifying Acute, Right, and Obtuse Angles	5	Adding Decimal Fractions	11	Exploring Categories of Quadrilaterals
	6	Adding Common Fractions (Area Model)	12	Estimating and Calculating Angles	6	Adding Decimal Fractions (with Regrouping)	12	Identifying Categories of Triangles
6	1	Introducing the Comparison Model of Multiplication	7	Exploring Whole Numbers and Common Fractions	1	Subtracting Common Fractions and Mixed Numbers (Same Denominators)	7	Subtracting Common Fractions and Mixed Numbers (Related and Unrelated Denominators)
	2	Using Tape Diagrams to Make Comparisons Involving Multiplication	8	Introducing Mixed Numbers	2	Subtracting Common Fractions (Related Denominators)	8	Solving Word Problems Involving Mixed Numbers
	3	Using Tape Diagrams to Differentiate Between Comparisons Involving Multiplication and Addition	9	Exploring Equivalence Between Mixed Numbers and Common Fractions	3	Subtracting Common Fractions (Unrelated Denominators)	9	Converting Between Inches and Feet
	4	Using Tape Diagrams to Explore the Relationship Between Multiplication and Division	10	Adding Mixed Numbers	4	Subtracting Mixed Numbers (Related Denominators)	10	Converting Between Feet and Yards
	5	Using Tape Diagrams to Differentiate Between Comparisons Involving Division and Subtraction	11	Adding Mixed Numbers (Composing Whole Numbers)	5	Subtracting Mixed Numbers (Unrelated Denominators)	11	Converting Between Inches, Feet, Yards, and Miles
	6	Solving Word Problems Using the Comparison Model	12	Solving Word Problems Involving Mixed Numbers	6	Subtracting Mixed Numbers (Unrelated Denominators and Decomposing Whole Numbers)	12	Constructing and Interpreting a Line Plot (Involving Inches)
7	1	Using the Partial-Products Strategy to Multiply (Two-Digit Numbers)	7	Reinforcing the Partial-Products Strategy for Multiplication (Two Two-Digit Numbers)	1	Subtracting Decimal Fractions (Tenths or Hundredths)	7	Consolidating Strategies to Subtract Decimal Fractions
	2	Using the Partial-Products Strategy to Multiply (Three-Digit Numbers)	8	Solving Multi-Step Word Problems Involving Multiplication	2	Subtracting Decimal Fractions (Tenths and Hundredths)	8	Introducing a Coordinate Plane and Plotting Ordered Pairs
	3	Reinforcing the Partial-Products Strategy for Multiplication (Three-Digit Numbers)	9	Subtracting Common Fractions (Number Line Model)	3	Using Written Methods to Subtract Decimal Fractions	9	Identifying Relationships Between Two Numerical Patterns
	4	Using the Partial-Products Strategy to Multiply (Four-Digit Numbers)	10	Calculating the Difference Between Mixed Numbers	4	Subtracting Decimal Fractions Involving Tenths (Decomposing Ones)	10	Generating and Graphing Ordered Pairs from Two Numerical Patterns
	5	Reinforcing the Partial-Products Strategy for Multiplication (Four-Digit Numbers)	11	Calculating the Difference Between Mixed Numbers (Decomposing Whole Numbers)	5	Subtracting Decimal Fractions Involving Hundredths (Decomposing Tenths)	11	Representing Real-World Data on a Coordinate Plane
	6	Using the Partial-Products Strategy to Multiply (Two Two-Digit Numbers)	12	Solving Word Problems Involving Mixed Numbers and Common Fractions	6	Subtracting Decimal Fractions (Decomposing Multiple Places)	12	Interpreting Coordinate Values for Real-World Situations
8	1	Reading and Writing Six-Digit Numbers (without Teens and Zeros)	7	Exploring the Relationship Between Meters and Centimeters	1	Reviewing Division Strategies	7	Investigating Methods to Divide by a Two-Digit Multiple of Ten
	2	Reading and Writing Six-Digit Numbers on Expanders and in Words	8	Introducing Millimeters	2	Partitioning and Regrouping Dividends	8	Converting Between Centimeters and Meters
	3	Reading and Writing Six-Digit Numbers (with Teens and Zeros)	9	Exploring the Relationship Between Meters and Millimeters	3	Recording Division	9	Converting Between Millimeters and Centimeters
	4	Locating Six-Digit Numbers on a Number Line	10	Exploring the Relationship Between Meters, Centimeters, and Millimeters	4	Developing the Standard Division Algorithm	10	Converting Between Millimeters and Meters
	5	Working with Place Value	11	Introducing Kilometers	5	Introducing the Standard Division Algorithm	11	Converting Between Meters and Kilometers
	6	Comparing and Rounding Six-Digit Numbers	12	Solving Word Problems Involving Metric Length	6	Working with the Standard Division Algorithm	12	Solving Multi-Step Word Problems Involving Conversions of Metric Lengths
9	1	Developing a Rule to Calculate the Area of Rectangles	7	Multiplying Mixed Numbers	1	Multiplying Common Fractions and Whole Numbers	7	Exploring Multiplication by Fractions Less Than, Equal to, or Greater Than 1
	2	Working with the Area of Rectangles	8	Reinforcing the Multiplication of Mixed Numbers	2	Multiplying Whole Numbers by Common Fractions and Mixed Numbers	8	Solving Word Problems Involving Fractions and Mixed Numbers
	3	Developing a Rule to Calculate the Perimeter of Rectangles	9	Reviewing Customary Units of Length	3	Multiplying a Proper Fraction by a Proper Fraction (Area Model)	9	Solving Multi-Step Word Problems Involving Fractions and Mixed Numbers
	4	Working with Rules to Calculate the Perimeter of Rectangles	10	Converting Feet to Inches	4	Multiplying Improper Fractions (Area Model)	10	Converting Between Ounces and Pounds
	5	Exploring the Multiplicative Nature of Common Fractions (Area Model)	11	Converting Yards to Feet and to Inches	5	Multiplying Mixed Numbers (Area Model)	11	Solving Word Problems Involving Conversions Between Units of Mass
	6	Exploring the Multiplicative Nature of Common Fractions (Number Line Model)	12	Converting Miles to Yards and to Feet	6	Reviewing the Concept of Multiplication as Comparison	12	Interpreting Line Plots to Solve Real-World Problems (Involving Ounces)
10	1	Relating Multiplication and Division	7	Reinforcing the Partial-Quotients Strategy for Division (Four-Digit Dividends)	1	Multiplying Decimal Fractions (Tenths)	7	Multiplying Decimal Fractions (Tenths by Hundredths)
	2	Using the Partial-Quotients Strategy to Divide (Two-Digit Dividends)	8	Solving Word Problems Involving Division	2	Using a Partial-Products Strategy to Multiply Decimal Fractions (Tenths)	8	Reinforcing the Partial-Products Strategy for Multiplication (Tenths)
	3	Reinforcing the Partial-Quotients Strategy for Division (Two-Digit Dividends)	9	Exploring Points, Lines, Line Segments, and Rays	3	Multiplying Decimal Fractions (Hundredths)	9	Reinforcing the Partial-Products Strategy for Multiplication (Tenths and Hundredths)
	4	Using the Partial-Quotients Strategy to Divide (Three-Digit Dividends)	10	Identifying Parallel and Perpendicular Lines	4	Using a Partial-Products Strategy to Multiply Decimal Fractions (Hundredths)	10	Converting Between Grams and Kilograms
	5	Reinforcing the Partial-Quotients Strategy for Division (Three-Digit Dividends)	11	Reflecting Shapes	5	Multiplying Whole Numbers and Decimal Fractions (Hundredths)	11	Solving Multi-Step Word Problems Involving Conversions of Metric Masses
	6	Using the Partial-Quotients Strategy to Divide (Four-Digit Dividends)	12	Identifying Lines of Symmetry	6	Multiplying Decimal Fractions (Tenths by Tenths)	12	Constructing and Interpreting a Line Plot (Involving Kilograms)
11	1	Exploring Equivalent Fractions with Tenths and Hundredths	7	Comparing and Ordering Hundredths	1	Relating Fractions to Division	7	Relating Division by a Unit Fraction to Multiplication
	2	Introducing Decimal Fractions	8	Exploring the Relationship Between Kilograms and Grams	2	Reinforcing the Relationship Between Fractions and Division	8	Solving Word Problems Involving Unit Fractions
	3	Locating and Comparing Tenths	9	Solving Word Problems Involving Mass	3	Dividing a Proper Fraction by a Whole Number (Area Model)	9	Converting Between Gallons and Quarts
	4	Exploring Hundredths	10	Reviewing Liters and Introducing Milliliters	4	Relating Division of a Unit Fraction to Multiplication	10	Converting Between Quarts and Fluid Ounces
	5	Writing Hundredths as Decimal Fractions (without Teens or Zeros)	11	Exploring the Relationship Between Liters and Milliliters	5	Solving Word Problems Involving Multiplication or Division of a Unit Fraction	11	Converting Between Gallons and Fluid Ounces
	6	Writing Hundredths as Decimal Fractions (with Teens and Zeros)	12	Solving Word Problems Involving Liquid Volume	6	Dividing a Whole Number by a Unit Fraction (Area Model)	12	Solving Word Problems Involving Conversions of Liquid Volume (Capacity)
12	1	Locating Decimal Fractions on a Number Line	7	Solving Word Problems Involving Decimal Fractions	1	Dividing Decimal Fractions by Whole Numbers	7	Comparing Multiplication and Division Involving Decimal Fractions
	2	Comparing Tenths and Hundredths	8	Reviewing Pounds and Introducing Ounces	2	Using Partial Quotients with Decimal Fractions	8	Renaming Decimal Fractions to Divide (Whole Numbers by Tenths)
	3	Relating Common Fractions and Decimal Fractions	9	Exploring the Relationship Between Pounds and Ounces	3	Extending the Partial-Quotients Strategy with Decimal Fractions	9	Renaming Decimal Fractions to Divide (Tenths by Tenths)
	4	Adding Tenths	10	Reviewing Gallons, Quarts, and Pints and Introducing Fluid Ounces	4	Dividing Whole Numbers by Decimal Fractions	10	Reading Scales and Converting Between Milliliters and Liters
	5	Adding Hundredths	11	Exploring the Relationship Between Gallons, Quarts, and Fluid Ounces	5	Using Multiplication to Help Divide by Decimal Fractions	11	Adding Mixed Units of Liquid Volume (Capacity)
	6	Adding Tenths and Hundredths	12	Solving Word Problems Involving Liquid Volume (Capacity)	6	Exploring Multiplication and Division Involving Decimal Fractions	12	Solving Word Problems Involving Metric Units of Liquid Volume (Capacity)

Please note: Lesson titles are subject to change.

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