

Scope and Sequence

	Grade K	Grade 1	Grade 2
Addition	Adding numbers with sums up to 10 Using counting on and number lines Estimating, drawing pictures, and acting it out Adding money	Basic facts to 12 Doubles and near doubles Adding three addends Adding two-digit numbers	Basic facts to 18 Adding three addends Adding two- and three-digit numbers with and without regrouping
Subtraction	Subtracting from numbers up to 10, a number from itself, and zero Using counting back, number lines, and ten-frames Subtracting money	Basic facts to 12 Subtracting with doubles Subtracting two-digit numbers	Basic facts to 18 Subtracting two- and three-digit numbers with and without regrouping
Multiplication		Exploring multiplication by making equal sets	Relating multiplication to repeated addition Multiplication facts: 2–5 and 10 Introducing terms: factor and product
Division		Exploring sharing-type division	Using sharing-type division Relating division to multiplication and repeated subtraction
Patterns	Objects: sorting, identifying, classifying, copying, describing, and extending Numbers: counting, skip counting, hundred chart Symmetry: translation, rotation, and reflection	Objects: sorting, identifying, classifying, and copying Numbers: skip counting, odd and even, patterns on a hundred chart Symmetry: translation, rotation, reflection	Objects: sorting, classifying, and copying Numbers: skip counting, odd and even, patterns on a hundred chart Symmetry: translation, rotation, reflection
Number Theory	Reading and writing numbers through 30 Recognizing and counting numbers through 100 Ordinal numbers through 10th	Number order through 100 Greater than, less than, and equal to Ordinal numbers through 10th	Reading and writing numerals to 9,999 Greater than, less than, and equal to Ordinal numbers through 20th
Place Value	Ones, tens, and one hundred Comparing number sets Identifying position, greater than, less than, equal to Ordering one- and two-digit numbers	Ones and tens Whole numbers to hundreds Using place value to add and subtract	Identifying whole numbers to thousands Place value identification and comparing fractions
Fractions and Decimals	Identifying, dividing, and showing fractional parts of a whole Recognizing equal and non-equal parts Identifying one-half of wholes or sets	Identifying equal parts Identifying one-half, one-third, and one-fourth Reading and writing fractions	Identifying one-half through one-eighth Reading, writing, drawing, and comparing fractions
Measurement	Measuring with nonstandard units Measuring by inches and feet Comparing length, volume, and weight Estimating, measuring, and recording temperature	Nonstandard units US Customary and Metric: length, capacity, weight, and temperature Estimation and comparison	Nonstandard units US Customary and Metric: length, capacity, weight, and temperature Estimation and comparison
Time	Calendar: months and seasons, reading, completing, and solving problems Telling time to the hour and half hour Reading a schedule	Time to the nearest hour, half hour, and quarter hour Analog and digital clocks Elapsed time, calendar, and seasons	Time to five-minute intervals Analog and digital clocks Elapsed time Calendar and seasons
Money	Counting pennies, nickels, dimes, and quarters Comparing and adding amounts Recognizing one dollar Making buying decisions	Counting pennies, nickels, dimes, and quarters Comparing amounts Adding money	Value of coins: penny to half dollar Finding equivalent amounts Adding and subtracting coins and dollar bills
Geometry	Symmetry: translation, rotation, reflection, lines of Solid figures: cone, cube, cylinder, and sphere Plane figures: circle, rectangle, square, and triangle Using the geoboard	Plane figures: circle, hexagon, rectangle, square, triangle, rhombus, and trapezoid Solid figures: cone, cube, cylinder, and sphere Using the geoboard	Plane figures: circle, triangle, and quadrilateral Line segments and angles Solid figures: cone, cube, cylinder, and sphere
Algebra	Writing number sentences Using information from pictures to solve problems Finding missing addends Order property of addition	Finding missing addends Writing number sentences Order property of addition Using ordered pairs	Finding missing numbers using inverse operations Writing number sentences Zero and order properties
Probability and Statistics	Predicting, experimenting, and drawing conclusions Reading, interpreting, and creating bar graphs, pictographs, and tally charts Recording data from an experiment on a tally chart	Collecting and organizing data Making and interpreting tally charts, pictographs, and bar graphs	Collecting and recording data Making and interpreting bar graphs, pictographs, and charts Understanding range of numbers
Technology	Using interactive boards Using online resources or computers	Using calculators for problem solving and finding patterns Using interactive boards Using online resources or computers	Using calculators for problem solving and finding patterns Using interactive boards Using online resources or computers

Grade 3	Grade 4	Grade 5	Grade 6
Adding three- and four-digit numbers with and without regrouping Estimating sums Adding fractions and decimals	Adding whole numbers and decimals Adding fractions and mixed numbers Estimating sums	Adding whole numbers and decimals Adding fractions and mixed numbers with like and unlike denominators Estimating sums	Adding whole numbers and decimals Adding fractions and mixed numbers with like and unlike denominators Estimating sums
Subtracting three- and four-digit numbers with and without regrouping Estimating differences Subtracting fractions and decimals	Subtracting five-digit numbers with and without regrouping Subtracting decimals, fractions, and mixed numbers Estimating differences	Subtracting whole numbers and decimals Subtracting fractions and mixed numbers with like and unlike denominators Estimating differences	Subtracting whole numbers and decimals Subtracting fractions and mixed numbers with like and unlike denominators Estimating differences
Multiplication facts: 0–9 Multiplying one-, two- and three-digit numbers by a one-digit number, with and without regrouping	Multiplying up to four-digit numbers by one-digit numbers Multiplying by two-digit numbers	Multiplying whole numbers with up to three-digit factors Multiplying decimals Multiplying fractions and mixed numbers	Multiplying whole numbers with up to three-digit factors Multiplying decimals Multiplying fractions and mixed numbers
Division facts: 0–9 Dividing one-, two-, three-, and four-digit numbers, with and without remainders Finding averages	Dividing up to four-digit numbers by one-digit numbers, with and without remainders Dividing by two-digit divisors Finding averages	Dividing whole numbers by two-digit divisors Dividing decimals Dividing fractions and mixed numbers Finding averages	Dividing whole numbers by three-digit divisors Dividing decimals Dividing fractions and mixed numbers Finding averages
Numbers: skip counting, odd and even numbers, multiples Venn diagrams Geometric patterns	Identifying, describing, extending, and designing patterns Identifying sequences Square, prime, and composite numbers	Prime and composite numbers Patterns in geometric shapes Identifying sequences Terminating and repeating decimals	Identifying patterns with objects, numbers, and geometric shapes Terminating and repeating decimals
Reading and writing numerals through 999,999 Ordinal numbers through 100th	Numbers in expanded form through millions Rounding whole numbers and decimals	Reading, writing, and problem solving with integers, rational numbers, and real numbers	Reading, writing, and problem solving with integers, rational numbers, and real numbers
Identifying whole numbers to hundred thousands and decimals to hundredths Comparing and ordering whole numbers, fractions, and decimals, using place value	Reading and writing whole numbers to hundred millions Reading and writing decimals to hundredths	Reading and writing whole numbers to hundred billions Reading and writing decimals to thousandths	Reading and writing whole numbers to hundred trillions Reading and writing decimals to hundred thousandths
Reading, writing, and drawing fractions and mixed numbers Forming equivalent fractions Relating fractions to decimals	Finding equivalent fractions Reducing fractions to simplest terms Like and unlike denominators Greatest common factor	Greatest common factor Comparing and ordering fractions and mixed numbers Finding ratios, proportions, and percent	Comparing and ordering fractions and mixed numbers Understanding equivalent and improper fractions Finding and using ratios, proportions, and percent
US Customary and Metric: length, capacity, weight, and temperature Finding perimeter and area	US Customary and Metric: length, capacity, weight, and temperature Finding perimeter, area, and volume Using fractions to show length	US Customary and Metric: length, capacity, weight, and temperature Finding perimeter, area, volume, and circumference	US Customary and Metric: length, capacity, weight, and temperature Finding perimeter, area, volume, and circumference
Time to the nearest minute Telling ^{AM} and ^{PM} time Elapsed time Reading a schedule	Telling time to the nearest minute Telling ^{AM} and ^{PM} time Elapsed time Comparing and using units of time	Telling time to the nearest minute Understanding timetables, schedules, and time zones Elapsed time	Telling time to the nearest minute Understanding timetables, schedules, and time zones Elapsed time
Identifying coins and bills Adding and subtracting money Making change Relating money to decimals	Comparing money amounts Making change Adding, subtracting, multiplying, and dividing money	Counting and comparing amounts of money Making change Adding, subtracting, and multiplying money	Counting and comparing amounts of money Making change Adding, subtracting, and multiplying money Computing simple interest
Parallel and intersecting lines Plane and solid figures Congruent figures Motion geometry: translation, rotation, reflection	Identifying points, rays, lines, angles, triangles, polygons, and quadrilaterals Identifying solid figures Congruence and symmetry	Identifying points, lines, rays, angles, triangles, polygons, quadrilaterals, and circles Identifying solid figures Congruence and symmetry	Identifying points, lines, rays, angles, triangles, polygons, quadrilaterals, and circles Identifying solid figures Congruence and symmetry
Solving problems that have missing numbers Writing equations Graphing ordered pairs Zero, order, and grouping properties	Writing equations with and without variables Zero, order, and grouping properties Grouping numbers using parentheses Locating an object using ordered pairs	Using the commutative and associative properties of addition and multiplication Understanding order of operations Writing and solving equations	Using the commutative, associative, and distributive properties to solve algebraic equations Ordered pairs and four-quadrant graphing
Collecting and recording data Making and interpreting graphs, charts, and tables Making predictions	Collecting, organizing, and analyzing data Making and interpreting graphs, charts, and tables Conducting a survey	Collecting, organizing, and analyzing data Making and interpreting graphs, charts, and tables Understanding mean, median, and mode Interpreting statistics	Collecting, organizing, and analyzing data Understanding mean, median, mode, and range Predicting outcomes 0 and 1 probabilities
Using calculators for problem solving and finding patterns Using interactive boards Using online resources or computers	Using calculators Using interactive boards Using online resources or computers	Using calculators Using interactive boards Using online resources or computers	Using calculators Using interactive boards Using online resources or computers