

Scope and Sequence

| Unit | Objectives |
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| Unit 1 Review | <ul style="list-style-type: none"> • Solve addition and subtraction facts with numbers to 10 • Write addition and subtraction fact families • Use the $<$, $>$, and $=$ signs to compare numbers • Identify numbers on the number line • Represent numbers to 100 with base-ten blocks and understand their digits' place value • Identify pairs that make 100 (like 99 and 1, or 60 and 40) • Use place value to solve simple mental addition and subtraction problems (like $45 + 3$ or $87 - 20$) |
| Unit 2 Addition Facts and Word Problems | <ul style="list-style-type: none"> • Solve addition facts up to $10 + 10$ • Write and solve equations to match simple addition and subtraction word problems • Solve word problems that involve finding how many more of an item is needed • Solve word problems with 3 or more addends |
| Unit 3 Numbers to 200 | <ul style="list-style-type: none"> • Use base-ten blocks to double or find half of numbers • Identify even and odd numbers • Use repeated addition to find the number of objects in an array • Read, write, and compare numbers to 200 • Understand place value in numbers to 200 • Write numbers to 200 in expanded form • Solve simple mental addition and subtraction problems with the numbers to 200 • Write money amounts with a dollar sign and decimal point, or with a cents sign • Count combinations of bills and coins (including twenty-dollar bills and quarters) |
| Unit 4 Subtraction Facts and Word Problems | <ul style="list-style-type: none"> • Solve subtraction facts with numbers to 20 • Solve take-away and take-apart word problems • Use subtraction to compare quantities and ages • Solve word problems involving <i>more</i> or <i>fewer</i> |
| Unit 5 Graphs | <ul style="list-style-type: none"> • Create bar graphs, pictographs, and line graphs • Interpret bar graphs, pictographs, and line graphs with increments of 1 or 10 • Use addition and subtraction to draw conclusions from graphs |
| Unit 6 Mental Addition to 100 | <ul style="list-style-type: none"> • Mentally add one- or two-digit numbers to two-digit numbers (with sums less than 100) |

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| Unit 7 Time | <ul style="list-style-type: none">• Identify times of day as a.m. and p.m.• Be familiar with half hours and quarter hours• Identify the hour and tell time to the minute on clocks with hands |
| Unit 8 Mental Subtraction to 100 | <ul style="list-style-type: none">• Mentally subtract one- or two-digit numbers from two-digit numbers |
| Unit 9 Length | <ul style="list-style-type: none">• Approximate the length of an inch, foot, yard, centimeter, and meter• Estimate and measure length in inches, feet, yards, centimeters, and meters• Measure an object's length when the object is not aligned with the ruler's endpoint• Choose appropriate units for measuring in real-life situations |
| Unit 10 Written Addition to 200 | <ul style="list-style-type: none">• Understand the steps in the written addition process and model them with base-ten blocks• Fluently add two-digit numbers, with a sum up to 200 |
| Unit 11 Geometry and Fractions | <ul style="list-style-type: none">• Name, describe, and draw polygons with different numbers of sides (triangles, quadrilaterals, pentagons, hexagons, and octagons)• Name three-dimensional solids (spheres, cones, cubes, cylinders, and rectangular prisms)• Reason about polygons and use spatial skills to complete puzzles• Split shapes into halves, thirds, fourths, sixths, and eighths, and read and write fractions to describe fractional parts• Use hands-on materials to compare fractions |
| Unit 12 Written Subtraction to 200 | <ul style="list-style-type: none">• Understand the steps in the written subtraction algorithm and model them with base-ten blocks• Fluently subtract two-digit numbers from numbers up to 200 |
| Unit 13 Numbers to 1000 | <ul style="list-style-type: none">• Read, write, and compare numbers to 1000• Write numbers to 1000 in expanded form• Identify even and odd numbers to 1000• Count by 1s, 2s, 5s, or 10s to 1000• Solve simple mental addition and subtraction problems with numbers to 1000• Identify pairs that make 1000• Count money amounts up to \$1000 |
| Unit 14 Addition and Subtraction to 1000 | <ul style="list-style-type: none">• Use the addition algorithm to add three-digit numbers• Use the subtraction algorithm to subtract three-digit numbers, including subtracting across a zero |