

All Accelerated Math libraries are based on the scope and sequence generally found in popular textbooks for that grade or subject. You're sure to find objectives that reinforce the skills you are teaching, regardless of what instructional materials you use. Accelerated Math makes it easy to select and organize objectives to suit your textbook and your own teaching approach. This Accelerated Math library provides the following scope and sequence of instruction:

**Topic 1 – Whole Number Concepts I**

- Standard and word form to 100
- Identify missing numbers in a sequence to 100
- Order whole numbers to 100
- Ordinal numbers to 100<sup>th</sup>
- Count by 2s, 3s, 4s, 5s, and 10s
- Count tens and ones to 100
- Identify tens and ones to 100
- Odd and even numbers
- Compare whole numbers to 100 using  $<$ ,  $>$ ,  $=$

**Topic 2 – Whole Number Addition and Subtraction I**

- Addition facts to 10
- Addition facts from 11 to 18
- Add three 1-digit numbers
- Add multiples of 10
- Add 1- and 2-digit numbers, no regroup
- Add 1- and 2-digit numbers, regroup
- Add 2-digit numbers, regroup
- Add three numbers, regroup (1 and 2 digit)
- Subtraction facts from 10
- Subtraction facts from 11 to 18
- Subtract multiples of 10
- Subtract 1- and 2-digit numbers, no regroup
- Subtract 1-digit from 2-digit numbers, regroup
- Subtract 2-digit numbers, regroup
- Fact families to 20
- Find missing addend in addition sentence
- Find missing parts in subtraction sentence
- Word Problems: Find the correct equation
- Word Problems: Add 1-digit numbers, one-step
- Word Problems: Subtract 1-digit numbers, one-step
- Word Problems: Add 2-digit numbers, one-step
- Word Problems: Subtract 2-digit numbers, one-step
- Word Problems: Too much or too little info, 2-digit addition or subtraction
- Word Problems: Add and subtract with graph
- Estimate number in group (2 digit)
- Estimate sum and difference, front digit only (2 digit)
- Round to nearest ten (2 digit)
- Estimate sum and difference, round (2 digit)
- Word Problems: Estimate sum and difference, round (2 digit)

**Topic 3 – Whole Number Concepts II**

- Identify missing numbers to 1000
- Order numbers to 1000
- Blocks with hundreds, tens, and ones

- Find number given hundreds, tens, and ones
- Compare numbers to 1000 using  $<$ ,  $>$ ,  $=$

**Topic 4 – Graphs and Patterns**

- Tally charts
- Pictographs
- Bar graphs
- Compare graphs
- Add with graphs (2 digit)
- Subtract with graphs (2 digit)
- Picture patterns
- Number patterns
- Complete patterns in tables
- Word Problems: Number patterns

**Topic 5 – Money**

- Identify coins and values
- Cent, dollar, and decimal symbols
- Count coins
- Count bills and coins
- Compare money using  $<$ ,  $>$ ,  $=$
- Add money expressions
- Subtract money expressions
- Word Problems: Add and subtract money expressions
- Add and subtract money with graphs

**Topic 6 – Time**

- Tell time to hour and half hour
- Tell time to quarter hour
- Tell time to 5-minute intervals
- Sequence events in a day
- Calculate elapsed time
- Read calendars

**Topic 7 – Measurement**

- Measure length in non-standard units
- Measure length in inches, feet, and yards
- Measure length in centimeters and meters
- Estimate length and height
- Compare lengths and heights
- Word Problems: Find length using customary and metric units
- Capacity in cups, pints, quarts, and gallons
- Capacity in liters
- Estimate capacity in customary and metric units
- Read scales and estimate in pounds
- Weight in grams and kilograms
- Estimate weight in customary and metric units

- Compare weights
- Word Problems: Weight, customary and metric
- Read thermometers
- Relate temperature to weather and activities

**Topic 8 – Geometry**

- Identify plane figures
- Count sides and corners
- Identify solids
- Count faces, edges, and corners
- Perimeter of polygons
- Word Problems: Perimeter
- Find area by counting squares
- Word Problems: Area
- Find volume of a box by counting cubes
- Identify symmetry
- Congruent figures
- Geometric patterns

**Topic 9 – Fractions**

- Equal parts
- Meaning of a fraction's parts
- Fractional parts of a whole
- Fractional parts equal to a whole
- Fractional parts of a set
- Fraction word names (1/2 to 1/8)
- Compare and order fractions
- Word Problems: Fractions, draw pictures

**Topic 10 – Whole Number Addition and Subtraction II**

- Add 3-digit numbers, no regroup
- Add 3-digit numbers, regroup
- Add 3-digit money expressions
- Subtract 3-digit numbers, no regroup
- Subtract 3-digit numbers, regroup
- Subtract 3-digit money expressions
- Word Problems: Add and subtract, 2-step
- Word Problems: Too much or too little info, 3-digit addition and subtraction
- Estimate sum and difference, front digits only (3 digit)
- Word Problems: Estimate sum and difference, front digits (2- to 3-digit)

**Topic 11 – Exploring Multiplication and Division of Whole Numbers**

- Identify equal groups
- Repeated addition
- Multiplication sentences
- Multiplication facts, to 5s
- Multiply money expressions
- Word Problems: Multiplication
- Multiply with graphs (1 digit)
- Divide into equal groups
- Divide into equal groups with left over
- Division sentences
- Divide money
- Word Problems: Division
- Divide with graphs (1 digit)

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