

The Good and the Beautiful Math- K-4 Scope and Sequence

With visually beautiful pages, hands-on activities, and real life application, this open-and-go math curriculum is sure to bring a love and enjoyment of math to both teacher and child.

- Carefully designed to pack deeply effective learning in less time
- Incorporates God, beauty, and meaning
- Offers a balanced, traditional approach that incorporates all learning styles
- Emphasizes the development of a strong number sense

Level K

Numbers

- numbers 0–20
- evens and odds through 10
- introduction to place value

Operations

- addition with a sum up to 10
- subtraction with a minuend up to 10
- introduction to greater than and less than

Algebraic Thinking

- patterns

Geometry

- comparing basic shapes
- shapes: ellipse, pentagon, hexagon, cube, sphere, cone, cylinder
- positional words
- sorting

Measurement and Data

- days of the week
- months of the year
- the date (U.S. standard format)
- duration of one second and one minute
- time to the hour
- U.S. standard system: inches
- name and value of the penny and dime
- reading simple graphs

Level 1

Numbers

- numbers to 100
- evens and odds through 100
- place value through the hundreds place
- estimation

Operations

- greater than and less than up to 100
- addition with a sum up to 20
- subtraction with a minuend up to 20
- addition and subtraction with multiples of 10
- adding a one-digit number to a two-digit number

Algebraic Thinking

- adding and subtracting with unknowns
- simple number patterns (twos, fives, and tens)

Fractions

- one-half, one-fourth

Geometry

- symmetry
- parallel lines
- shapes: octagon, trapezoid, rhombus, rectangular prism, pyramid, hemisphere

Measurement and Data

- U.S. currency: nickel, quarter, one dollar
- reading time to the nearest five minutes
- U.S. standard system: inches, feet

Level 2

Numbers

- numbers to 1,000
- place value through the thousands place

Operations

- double-digit addition and subtraction with and without regrouping
- estimation

Algebraic Thinking

- adding and subtracting with unknowns
- number patterns

Fractions

- fractions down to one-tenth
- comparing fractions

Geometry

- intersecting lines, perpendicular lines, angles
- comparing quadrilaterals
- tessellations

Measurement and Data

- the date in numerical format
- time to the minute
- metric system: centimeters, meters
- U.S. standard system: yards, miles, cups, pints, quarts, gallons, ounces, pounds, tons
- working with U.S. money up to \$1,000
- introduction to the decimal point (for money only)
- data collection, graph creation

Level 3

Numbers

- numbers beyond 1,000
- place value to billions place
- Roman numerals

Operations

- comparing large numbers
- 0-12 multiplication facts
- corresponding division facts
- solving two-step word problems
- rounding to the nearest tens, hundreds, and thousands place
- estimation

Algebraic Thinking

- number patterns
- multiplying and dividing with

unknowns

Fractions

- adding and subtracting fractions with common denominators

Geometry

- area and perimeter

Measurement and Data

- metric system: milliliter, liter, grams, kilograms

Level 4

Numbers

- decimals
- mixed numbers
- introduction to percentages

Operations

- multi-digit multiplication
- long division
- multi-step word problems

Algebraic Thinking

- number patterns
- identifying unknowns in fraction operations and angle measurements

Fractions

- mixed numbers and improper fractions

Geometry

- angles, endpoints, and rays
- properties of shapes

Measurement and Data

- angle measurement
- comparing measurements between U.S. standard system and the metric system

