



Boys entering First Grade: Mathematics

Counting	Count on by 1s to 100; count on by 2s, 5s, and 10s and count back by 1s with number lines, and calculators. Count 20 or more objects; estimate the number of objects in a collection.
Comparing and ordering numbers	Compare and order whole numbers up to 20.
Place Value	Recognize that digits can be used and combined to read and write numbers; read numbers up to 30
Math Facts	Use manipulatives, number lines, and mental arithmetic to solve problems involving the addition and subtraction of single-digit whole numbers; demonstrate appropriate fluency with addition and subtraction facts within 5
Money	Identify pennies, nickels, dimes, quarters, and dollar bills
Temperature	Describe temperature using appropriate vocabulary, such as hot, warm, and cold; identify a thermometer as a tool for measuring temperature.
Time	Describe and use measures of time periods relative to a day and week; identify tools that measure time.
Plane and solid figures	Identify and describe plane and solid figures including circles, triangles, squares, rectangles, spheres, and cubes.
Patterns and Functions	Extend, describe, and create visual, rhythmic, and movement patterns; use rules, which will lead to functions, to sort, make patterns, and play "What's My Rule?" and other games.