



Boys entering Second Grade: Mathematics

Counting	Count on by 1s, 2s, 5s, and 10s past 100 and back by 1s from number less than 100 with and without number lines, and calculators. Count collections of objects accurately and reliably; estimate the number of objects in a collection
Comparing and ordering numbers	Compare and order whole numbers up to 1,000.
Place Value	Read and write whole numbers up to 1,000; identify places in such numbers and the values of the digits in those places
Math Facts	Demonstrate appropriate fluency with addition and subtraction facts through 10+10
Addition and subtraction procedures	Solve problems involving the addition and subtraction of 1-digit whole numbers with 2-digit whole numbers; calculate and compare the values of combinations of coins
Money	Know and compare the value of pennies, nickels, dimes, quarters, and dollar bills; make exchanges between coins
Time	Use a calendar to identify days, weeks, months, and dates; tell and show time to the nearest half and quarter hour on an analog clock
Temperature	Identify a thermometer as a tool for measuring temperature; read temperatures on Fahrenheit and Celsius thermometers to the nearest degree.
Plane and solid figures	Identify and describe plane and solid figures including circles, triangles, squares, rectangles, spheres, cylinders, rectangular prisms, pyramids, cones, and cubes.
Patterns and functions	Extend, describe, and create numeric, visual, and concrete patterns; solve problems involving function machines, "What's My Rule?" tables, and Frames-and-Arrows diagrams