



### Boys entering Third Grade: Mathematics

<b>Math Facts</b>	<b>Demonstrate automaticity with all addition facts through 10 + 12 and fluency with the related subtraction facts</b>
<b>Counting</b>	Count on by 1s, 2s, 5s, 10s, 25s, and 100s past 1,000 and back by 1s, 10s, and 100s from any number less than 1,000 with and without number lines and calculators.
<b>Comparing and ordering numbers</b>	Compare and order whole numbers up to 10,000; Compare fractions.
<b>Place Value</b>	Read and write whole numbers up to 10,000; identify places in such numbers and the values of the digits in those places; read and write money amounts in dollars-and-cents notation.
<b>Addition and subtraction procedures</b>	Solve problems involving the addition and subtraction of multi-digit whole numbers; calculate and compare values of coin and bill combinations
<b>Money</b>	Make exchanges between coins and bills.
<b>Plane and solid figures</b>	Identify solid figures including circles, triangles, squares, rectangles, hexagons, trapezoids, rhombuses, spheres, cylinders, rectangular prisms, pyramids, cones, and cubes
<b>Time</b>	Tell and show time to the nearest five minutes on an analog clock; tell and write time in digital notation
<b>Temperature</b>	Read temperature on both the Fahrenheit and Celsius scales.
<b>Algebraic notation and solving number sent</b>	Read, write, and explain expressions and number sentences using the symbols +, -, =, >, and <; solve number sentences involving addition and subtraction