

Portrait of an Abington Heights 2nd Grade Mathematician



By the end of 2nd Grade, students will:

Numbers & Operations in Base Ten	Operations and Algebraic Thinking	Geometry	Measurement and Data
<ul style="list-style-type: none"> <input type="checkbox"/> Count to 1,000 <input type="checkbox"/> Skip count by 5s, 10s, & 100s <input type="checkbox"/> Read and write numbers to 1,000 using base-ten numerals, number names, and expanded form <input type="checkbox"/> Compare three-digit numbers using $<$, $>$, $=$ using place value concepts <input type="checkbox"/> Mental math (add and subtract within 100) <input type="checkbox"/> Mental math (add 10 or 100 to or subtract from 100 to 900) <input type="checkbox"/> Add up to 4 two-digit numbers <input type="checkbox"/> Add and subtract within 1,000 (with regrouping/decomposing a 10 or 100) 	<ul style="list-style-type: none"> <input type="checkbox"/> Represent and solve problems involving addition and subtraction within 100 <input type="checkbox"/> Fluently add and subtract within 20 <input type="checkbox"/> Determine whether group of objects (up to 20) has an odd or even number of members <input type="checkbox"/> Work with equal groups of objects to gain foundations for multiplication (add arrays of objects up to 5 rows and 5 columns and create equation to represent the sum of equal addends) 	<ul style="list-style-type: none"> <input type="checkbox"/> Reason with triangles, quadrilaterals, pentagons, hexagons, and cubes and their attributes <input type="checkbox"/> Divide shapes into 2, 3, and 4 equal shares and use vocabulary of <i>halves</i>, <i>thirds</i>, <i>fourths</i>, <i>half of</i>, <i>a third of</i>, <i>a fourth of</i> <input type="checkbox"/> Partition rectangles into columns and rows of equal shares and count to find the parts of the whole 	<ul style="list-style-type: none"> <input type="checkbox"/> Measure by selecting and using appropriate tools (ruler, yardstick, meter stick, measuring tape) <input type="checkbox"/> Estimate lengths using inches, feet, centimeters, and meters <input type="checkbox"/> Represent whole number sums and differences within 100 on a number line diagram <input type="checkbox"/> Tell and write time to the nearest 5 minutes (am/pm) <input type="checkbox"/> Recognize the value of a penny, nickel, dime, quarter, half-dollar, and dollar bill <input type="checkbox"/> Find the values of combinations of pennies, nickels, dimes, quarters, half-dollars, and dollar bills <input type="checkbox"/> Demonstrate the many ways to represent a given amount of money <input type="checkbox"/> Solve word problems involving dollars and cents <input type="checkbox"/> Represent and interpret data using line plots, picture graphs, and bar graphs