

**Mathematics - Grade 2**  
**Checklist - Checks for Understanding**

✓	Date	Checks for Understanding
		<b>Mathematic Processes</b>
		0206.1.1 Read and write time up to five-minute intervals.
		0206.1.2 Relate days, dates, weeks, months, and years to a calendar.
		0206.1.3 Use strategies to make estimates of time.
		0206.1.4 Solve problems involving elapsed time in hour and half-hour intervals.
		0206.1.5 Count the value of a set of coins up to one dollar and use the transitive property of equality to recognize equivalent forms of values up to \$1.00.
		0206.1.6 Read thermometers with Fahrenheit and Celsius scales.
		0206.1.7 Measure weight to the nearest pound or kilogram.
		0206.1.8 Use concrete models or pictures to show whether a fraction is less than a half, more than a half, or equal to a half.
		0206.1.9 Match the spoken, written, concrete, and pictorial representations of halves, thirds, and fourths.
		0206.1.10 Develop a story problem that illustrates a given addition or subtraction number sentence.
		0206.1.11 Use manipulatives to demonstrate addition and subtraction sentences written symbolically.
		0206.1.12 Write numbers and translate word clues to number sentences and vice versa.
		0206.1.13 Use manipulatives such as pattern blocks, tangrams, etc. to explore geometric concepts of symmetry and transformations.
		0206.1.14 Create and observe numerical patterns on a calculator by repeatedly adding or subtracting the same number from some starting number.
		0206.1.15 Use age-appropriate books, stories, and videos to convey ideas of mathematics.
		<b>Number and Operations</b>
		0206.2.1 Starting at any number, count by ones, twos, fives, tens, and hundreds up to 1000.
		0206.2.2 Read and write numbers up to 1000 using numerals and up to 100 using words.
		0206.2.3 Locate and interpret numbers on a number line.
		0206.2.4 Recognize that place-value notation represents the sums of multiples of powers of ten (e.g., 853 as 8 hundreds + 5 tens + 3 ones).
		0206.2.5 Compare and order multi-digit numbers up to 1000.
		0206.2.6 Use various models such as number lines, pictures, and base-ten blocks to illustrate addition and subtraction.

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	0206.2.7 Develop fluency at recalling basic addition facts and related subtraction facts.
	0206.2.8 Use efficient procedures, and understand why they work, to solve problems involving the addition and subtraction of two- and three-digit whole numbers (including those that require regrouping for addition only).
	0206.2.9 Apply appropriate methods to estimate and mentally calculate sums or differences with ones, tens, and hundreds.
	0206.2.10 Add three two-digit numbers.
	0206.2.11 Solve addition and subtraction problems in context using various representations.
	0206.2.12 Demonstrate skip counting on the number line and relate to repeated addition and multiplication.
	0206.2.13 Relate patterns in skip counting to multiplication.
	<b>Algebra</b>
	0206.3.1 Given rules, complete tables to reveal both arithmetic and geometric patterns.
	0206.3.2 Given a description, extend or find a missing term in a pattern or sequence.
	0206.3.3 Record and study patterns in lists of numbers created by repeated addition or subtraction.
	0206.3.4 Generalize the patterns resulting from the addition, subtraction and multiplication of combinations of odd and even numbers.
	0206.3.5 Understand and use the commutative and associative properties of addition and multiplication.
	0206.3.6 Relate repeated addition to multiplication.
	0206.3.7 Find unknowns in number sentences and problems involving addition, subtraction and multiplication.
	0206.3.8 Describe change in measures according to quantitative criteria such as growing 2 inches in one year.
	<b>Geometry and Measurement</b>
	0206.4.1 Describe common geometric attributes of familiar plane and solid objects.
	0206.4.2 Reflect, rotate, and translate shapes to explore the effects of transformations.
	0206.4.3 Understand the property of transitivity as it relates to linear measurement (for example: If A is longer than B, and B is longer than C, then A is longer than C).
	0206.4.4 Estimate, measure, and calculate length to the nearest unit: meter, centimeter, yard, foot, and inch.
	0206.4.5 Use rulers to measure the lengths of sides and diagonals of common 2-dimensional figures and polygons.

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	0206.4.6 Understand the inverse relationship between the size of a unit and the number of units used in a particular measurement (the smaller the unit, the more iterations needed to cover the length).
	0206.4.7 Investigate and describe composition, decomposition, and transformations of polygons.
	0206.4.8 Combine polygons to form other polygons and subdivide a polygon into other polygons.
	0206.4.9 Recognize the composition and decomposition of polygons.
	<b>Data, Probability and Statistics</b>
	0206.5.1 Read, interpret, and analyze data shown in tables, bar graphs and picture graphs.
	0206.5.2 Read, interpret, and create tables using tally marks.
	0206.5.3 Explain whether a real world event is likely or unlikely.
	0206.5.4 Predict outcomes of events based on data gathered and displayed.