

**“I Can...” - MATH Standards**

Use the California Common Core State Standards (CCSS) in **Mathematics Standards** to come to an agreement with your grade level on **FOUR skills** that students will have upon exiting your grade level this school year. Write each standard in student-friendly language, and begin with, “ *I can ....*”

	KINDER.	1st	2nd	3rd	4th	5th	6th	7th	8th
<b>NUMBER &amp; OPERATIONS</b>	<p>I can make and show numbers from 11 to 19.</p> <p>I can count to 100 by ones and tens.</p> <p>I can write and count numbers up to 20 to tell the number of objects.</p> <p>I can compare two numbers.</p>	<p>I can make and show numbers up to 120, starting at any number less than 120.</p> <p>I can understand place values of two digits representing tens and ones.</p>	<p>I can use place value to help me add and subtract 3-digit numbers, using ones, tens and hundreds up to 1,000.</p>	<p>I can use place value and properties of operations to solve multi-digit to add and subtract. I can start to develop an understanding of fractions as numbers.</p>	<p>I can use place value properties to solve multi-digit problems using the four operations. I can compare and relate fractions to decimals and whole numbers.</p>	<p>I can add, subtract, multiply, and divide whole numbers, decimals, and fractions. I can use equivalent fractions as a strategy to add and subtract fractions.</p>	<p>I can improve on what I already know and use the properties of operations - adding, subtracting, multiplying, dividing - with fractions, rational numbers, ratios, and proportions.</p>	<p>I can apply and extend properties of operations to solve real world problems with rational numbers.</p>	<p>I can manipulate rational and irrational numbers including their decimal equivalents; evaluate and approximate square roots; calculate radicals and integer exponents.</p>
<b>ALGEBRA</b>	<p>I can add and subtract with numbers up to 10.</p>	<p>I can add and subtract with numbers up to 20 and solve word problems in addition and</p>	<p>I can show and solve problems using pictures and models in addition and subtraction. I</p>	<p>I can identify and explain patterns, solve real life math problems involving the</p>	<p>I can add, subtract, multiply, and divide to solve multi-step word problems. I can find factors,</p>	<p>I can write, interpret and evaluate numerical expressions. I can analyze</p>	<p>I can write and solve algebraic expressions, equations, and inequalities to show</p>	<p>I can generate equivalent algebraic expressions and equations to solve real life mathematical problems.</p>	<p>I can understand the significance/connection between proportional</p>

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		subtraction.	can show equal groups to build my knowledge of multiplication.	four operations, as well as multiply and divide within 100.	multiples, and patterns of numbers from 1-100.	patterns and relationships.	relationships between dependent and independent variables.		relationships, linear visual representations, and linear equations.  I can define, use, and evaluate functions to model real world situations.
<b>MEASUREMENT/ DATA ANALYSIS &amp; PROBABILITY</b>	I can tell how objects are the same and different by height, weight, or length.  I can sort objects into groups.	I can measure and compare lengths. I can tell and write hours and half hours using analog and digital time. I can understand and read data.	I can measure and estimate lengths in standard units and relate it to addition and subtraction. I can tell time and count money. I can show and explain data from graphs.	I can solve problems using time intervals, liquid volumes, and masses of objects. I can also interpret data, understand area models, and find perimeter in plane figures.	I can make a line plot to represent and interpret data. I can use the four operations to convert larger measurement units to smaller units. I can also add and subtract angles.	I can convert units of measurements (distance, weight, and volume). I can represent and interpret data. I can find volume and relate it to multiplication and addition.	I can describe and summarize numerical data sets - overall patterns and distributions. I can show my understanding visually (number lines, dot plots, histograms, and box plots).	I can use random sampling to draw informal comparative inferences about populations, and develop and evaluate probability models.	I can construct, investigate and interpret patterns associated in bivariate data,
<b>GEOMETRY</b>	I can name, make, and compare flat and solid shapes.	I can name and compose shapes and explain their attributes. I can partition a whole circle or rectangle into halves and	I can identify, use and explain shapes and their attributes. I can partition a whole circle or rectangle into halves, thirds and fourths.	I can recognize shapes in different categories, find their similarities and divide whole shapes into equal fractional parts.	I can draw and recognize angles. I can group shapes by their line and angle properties.	I can graph points on a coordinate plane and classify two dimensional shapes.	I can solve real-world and mathematical problems involving area, surface area, and volume.	I can explain the relationships between geometric figures to solve real life problems involving angles, area, and volume.	I can explain congruence and similarity using physical models and software.  I can solve real world problems

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		fourths.							involving volume of 3-D objects, as well as apply the Pythagorean theorem.
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