



4K Math Scope and Sequence

Compiled Using *Good Start Grow Smart*

Standards/ Indicators	First Nine Weeks	Number of Weeks
M-4K-1.5	<p style="text-align: center;">Mathematic Processes</p> Classify objects in their environment by color, shape, size or function.	Introduce skills this nine week period and revisit throughout the year.
M-4K-2.1 M-4K-2.2	<p style="text-align: center;">Numbers and Operations</p> Count orally forward to twenty and backward from three. Show one-to-one correspondence through ten when counting real objects.	
M-4K-3.3 M-4K-3.4	<p style="text-align: center;">Algebra</p> Recognize a simple pattern and extend. Sort and classify objects by one attribute (size, shape, or color).	
M-4K-4.1 M-4K-4.2	<p style="text-align: center;">Geometry</p> Identify two-dimensional shapes: circle, square, triangle and rectangle. Represent simply two-dimensional geometric shapes.	
	<p>Measurement</p>	
	<p>Data Analysis and Probability</p>	



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Standards/ Indicators	Second Nine Weeks	Number of Weeks
M-4K-1.4	<p style="text-align: center;">Mathematic Processes</p> Locate patterns in the environment	Introduce skills this nine week period and revisit throughout the year.
	<p style="text-align: center;">Numbers and Operations</p>	
M-4K-3.1 M-4K-3.2	<p style="text-align: center;">Algebra</p> Show awareness of growing patterns in their environment. Identify and copy a simple pattern.	
M-4K-4.3	<p style="text-align: center;">Geometry</p> Understand and use positional words to describe the location of objects (up, down, in, over, under, behind, on top of and in front of).	
M-4K-5.4	<p style="text-align: center;">Measurement</p> Associate at least two measurement devices with their purposes.	
M-4K-6.1	<p style="text-align: center;">Data Analysis and Probability</p> Organize and represent data with real objects	



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M-4K-1.1 M-4K-1.2 M-4K-1.3 M-4K-1.6 M-4K-1.7	<p style="text-align: center;">Mathematic Processes</p> Use emergent mathematical knowledge as a problem-solving tool. Generate conjectures based on personal experiences and simple reasoning Investigate solutions to simple problems Use appropriate vocabulary to communicate mathematical ideas. Begin to show an awareness of numbers in the environment. Integrate mathematical ideas into personal representations.	Introduce skills this nine week period and revisit throughout the year.
M-4K-2.3 M-4K-2.4 M-4K-2.8	<p style="text-align: center;">Numbers and Operations</p> Compare sets of no more than ten objects using the terms “more than” or “same as”. Represent simple joining and separating situations through 4. Identify the positions first through tenth using concrete objects.	
	Algebra	
	Geometry	
	Measurement	
	Data Analysis and Probability	



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M-4K-1.8	<p style="text-align: center;">Mathematic Processes</p> Integrate mathematical ideas into personal representations.	Introduce skills this nine week period and revisit throughout the year.
	<p style="text-align: center;">Numbers and Operations</p>	
	<p style="text-align: center;">Algebra</p>	
M-4K-4.4	<p style="text-align: center;">Geometry</p> Matches left and right body parts to clothing or related items.	
M-4K-5.1 M-4K-5.2 M-4K-5.3 M-4K-5.6	<p style="text-align: center;">Measurement</p> Shows awareness that money is used to buy things and that coins differ in value. Compare the lengths of two objects Use nonstandard units of measure to compare everyday objects. Associate time concepts with a clock	
	<p style="text-align: center;">Data Analysis and Probability</p>	

****Note:** The math standards will be formally introduced and informally assessed in the nine weeks time frame as indicated on this document. However, as 4K teachers we believe in continuous progress and will not limit students if they have mastered a skill and are ready to move forward. Continual reinforcement and remediation will take place throughout the school year.