

	NC OBJECTIVES	SEQUENCE OF LEARNING	KNOWLEDGE ORGANISER – facts and vocabulary
Y E A R  1  S P R I N G  T E R M	<b>2 weeks - Growth Mindset</b> <b>Jo Boaler - Youcubed Resources Week 4 Grade 1-2 2018</b>		
	<b>2 weeks - Number: Place Value (within 50)</b> <ul style="list-style-type: none"> <li>count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</li> <li>count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens</li> <li>given a number, identify one more and one less</li> <li>identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li> <li>read and write numbers from 1 to 20 in numerals and words.</li> </ul>	<ol style="list-style-type: none"> <li>Numbers to 50</li> <li>Tens and ones (chips and peas)</li> <li>Represent numbers to 50</li> <li>Compare objects within 50</li> <li>Order numbers within 50</li> <li>Count in 2s</li> <li>Count in 5s</li> </ol>	Numbers to 50  Back, backwards, compare, continue, digit, forwards, greater than (>), less than (<), number facts, numeral, number line, order, represents, sequence, zero, tens, ones.
	<b>2 weeks - Measurement - length and height</b> <ul style="list-style-type: none"> <li>compare, describe and solve practical problems for: lengths and heights [for example, long/short, longer/shorter, tall/short, double/half]</li> <li>measure and begin to record the following: lengths and heights</li> </ul>	<ol style="list-style-type: none"> <li>Compare lengths</li> <li>Measure lengths</li> <li>Compare heights</li> <li>Measure heights</li> </ol>	
	<b>3 weeks - Number: Addition and Subtraction</b> <ul style="list-style-type: none"> <li>read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs</li> <li>represent and use number bonds and related subtraction facts within 20</li> <li>add and subtract one-digit and two-digit numbers to 20, including zero</li> <li>solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = \square - 9</math>.</li> </ul>	<ol style="list-style-type: none"> <li>Add by counting on</li> <li>Find and make number bonds</li> <li>Add by making 10</li> <li>Subtraction (not crossing 10)</li> <li>Subtraction (crossing 10) [1]</li> <li>Subtraction (crossing 10) [2]</li> <li>Compare facts</li> <li>Related number sentences</li> </ol>	Addition facts for all numbers up to 10  Addition (+), answer, difference,, equals (=), explain,, method, minus, ones, partition, pattern, plus, problem, reasoning, solution, subtraction, sum, take away, total
	<b>2 weeks - Measurement: Weight and Volume</b> <ul style="list-style-type: none"> <li>compare, describe and solve practical problems for: mass/weight [for example, heavy/light, heavier than, lighter than] capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] measure and begin to record the following:measure and begin to record the following: mass/weight capacity and volume</li> </ul>	<ol style="list-style-type: none"> <li>Introduce weight and mass</li> <li>Measure mass</li> <li>Compare mass</li> <li>Introduce capacity and volume</li> <li>Measure capacity</li> <li>Compare capacity</li> </ol>	
	<b>1 week - Number: Place Value (within 50)</b> <b>Revisiting and consolidation</b> <ul style="list-style-type: none"> <li>count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number</li> <li>count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens</li> <li>given a number, identify one more and one less</li> </ul>	<ol style="list-style-type: none"> <li>Numbers to 50</li> <li>Tens and ones (chips and peas)</li> <li>Represent numbers to 50</li> <li>Compare objects within 50</li> <li>Order numbers within 50</li> <li>Count in 2s</li> <li>Count in 5s</li> </ol>	Numbers to 50  Back, backwards, compare, continue, digit, forwards, greater than (>), less than (<), number facts, numeral, number line, order, represents, sequence, zero, tens, ones.

	<ul style="list-style-type: none"><li>• identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least</li><li>• read and write numbers from 1 to 20 in numerals and words.</li></ul>		
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