

Y E A R  1  A U T U M  T E R M	NC OBJECTIVES	SEQUENCE OF LEARNING	KNOWLEDGE ORGANISER – facts and vocabulary
	<b>4 weeks - Number: Place Value (0-10)</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>Sort, count and represent objects</li> <li>Count forwards and backwards 0-10</li> <li>Write numerals 0-10</li> <li>Count one more</li> <li>Count one less</li> <li>1:1 correspondence to groups</li> <li>Compare groups (more than, fewer than, equal to) and introduce &gt; and &lt;</li> <li>Compare numbers</li> <li>Order numbers</li> <li>The number line</li> </ol>	Numbers to ten  Back, backwards, compare, continue, digit, forwards, greater than (>), less than (<), number facts, numeral, number line, order, represents, sequence, zero,
	<b>5 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>Introduce part whole model</li> <li>How to write number sentences using + and =</li> <li>Fact families - addition facts (below 10)</li> <li>Finding number bonds within 10</li> <li>Finding number bonds to make 10 systematically</li> <li>Adding numbers together</li> <li>Adding more</li> <li>Taking away - crossing out</li> <li>Subtraction symbol</li> <li>Counting back on a numberline</li> <li>Finding the difference</li> <li>Number fact families (to show inverse)</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>1 week - Shape</b> <ul style="list-style-type: none"> <li>recognise and name common 2-D and 3-D shapes, including: 2-D shapes [for example, rectangles (including squares), circles and triangles] 3-D shapes [for example, cuboids (including cubes), pyramids and spheres].</li> </ul>	<ol style="list-style-type: none"> <li>Recognise and name 3D shapes</li> <li>Sort 3D shapes</li> <li>Recognise and name 2D shapes</li> <li>Sort 2D shapes</li> </ol>	cuboid, cube, circle, triangle, square, 2D, 3D, curves, points, flat, rectangle, oval, pyramid, faces, sphere, cylinder.
	<b>2 weeks- Number: Place value (11-20)</b> (see above)	<ol style="list-style-type: none"> <li>Count forwards and backwards to 20</li> <li>Tens and ones</li> <li>Compare numbers up to 20</li> </ol>	tens, ones, units, place value