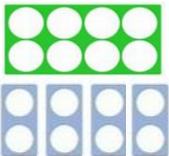
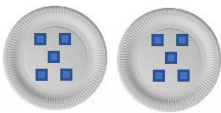
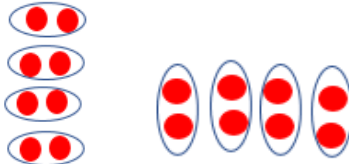
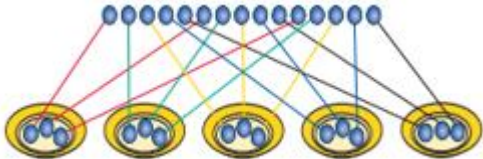

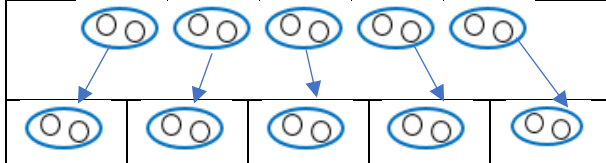
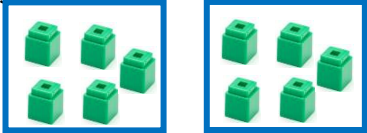


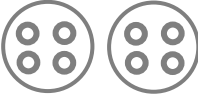


YEAR 1		Division
<b>Vocabulary:</b> Divide, division, ones, group, groups, equal groups of, lots of, halving, array, row, column, lots of, pattern, share, share equally, number, numeral, one each, 2 each, etc.		
Concrete	Pictorial	Abstract
See Year 1 multiplication for counting in equal groups of 2, 5 and 10.		
<p><b>Making equal groups:</b> Start with recognising when groups are equal. Equal groups of 2, 5 and 10</p> <p><b>Objects</b></p> <p><b>Numicon</b></p>  <p><b>Cubes/dienes</b></p> 	<p><b>Making equal groups: (Arrays)</b></p>  <p><b>Rows</b>      <b>Columns</b></p>	<p><b>Making equal groups:</b> Children record their mathematical knowledge and skills using pictorial representations, arrays, jottings and mathematical statements.</p>
<p><b>Sharing:</b> <math>15 \div 5 = 3</math> 15 shared between 5 <b>Counters/cubes/dienes</b></p>  <p>Encourage one to one correspondence.</p>	<p><b>Sharing (jottings) preferred method</b> 10 shared between 5 is 2 <math>10 \div 5 = 2</math> (towards the end of the unit)</p>  <p><b>Bar model (using jottings):</b></p> 	<p><b>Sharing:</b> Children record their mathematical knowledge and skills using pictorial representations, arrays, jottings and mathematical statements.</p>

<p><b>Halving:</b> (Making the link between shared between 2, <math>\div 2</math> and the fraction <math>\frac{1}{2}</math>).</p> <p><b>Concrete objects: cubes</b> Half of 10 is 5</p>  <p>10 shared between 2 is 5 (<math>10 \div 2 = 5</math>)</p> <p><b>Beads</b> Half of 6 is 3 6 shared between 2 is 3 (<math>6 \div 2 = 3</math>)</p>  <p><b>Numicon:</b></p> 	<p><b>Halving:</b> Jottings</p> <p><b>Half of 8</b> (<math>8 \div 2</math>)</p> 	<p>Leads on to instant mental recall.</p>
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Mental		
<p><b>Number facts:</b> Experience <u>regular counting</u> on and back from different numbers in 1s and in multiples of 2, 5 and 10. Count a set of objects by grouping in 2s, 5s or 10s (Count these pennies (2 at a time))</p>	<p><b>Using doubling and halving:</b> Know corresponding halves of doubles. Half of 6 is <input type="text"/> Half of 10 is <input type="text"/></p>	