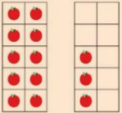
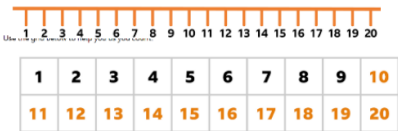
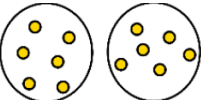
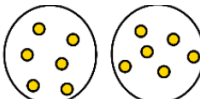
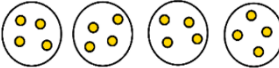
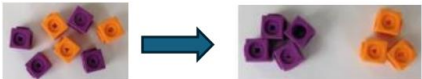
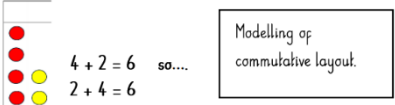
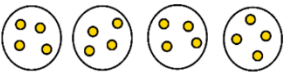


| Autumn<br>8 weeks + 7 weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Spring<br>6 weeks + 5 weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Summer<br>6 weeks + 7 weeks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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| <p><b>Week 1 and 2 – Number formation</b></p> <p><b>Week 3 – Count forwards from any number within 20.</b><br/>Start off by counting concrete objects. Make sure to vary the size, colour and positioning of the objects being counted. Children move them into lines to help them count more accurately.</p>   <p>Then, provide two ten frames for children to move practical counters or objects into. Start at any number and count forwards in ones. Begin by lots of spoken activities; singing, chanting, counting stick, show them a number line or number grid as they count. Slowly remove the number line or number grid and see if they still count accurately. Progress to written counting on. E.g. 5,6,7,8</p>  <p>This learning objective is crucial for preparation of simple addition calculations.</p> <p><b>Week 4 – Count backwards from any number within 20.</b><br/>Start at any number and count backwards in ones. Begin by lots of spoken activities; singing 10 green bottles, singing, use a counting stick, show them a number line or number grid as they count. Slowly remove the number line/number grid and see if they can still count back accurately. Progress to written counting back. This step is crucial for preparation of simple subtraction calculations. E.g. 13,12,11,10,9<br/><a href="#">Counting back from 20 KS1   Y1 Maths Lesson Resources   Oak National Academy</a></p> <p><b>Week 5 – Identify one more than any number up to 20.</b></p> <p><b>Week 6 – Identify one less than any number up to 20.</b></p> | <p><b>Week 1 and 2 – Use number bonds to show related facts and fact families (using a part whole model)</b><br/>e.g. <math>5+3=8</math> <math>3+5=8</math> <math>8-5=3</math> <math>8-3=5</math></p> <p><b>Week 3 and 4 – Start to use the + and = sign to write and complete addition number sentences within 20.</b><br/>E.g. <math>13+5=18</math></p> <p><b>Week 5 – Find half of a quantity e.g. <math>\frac{1}{2}</math> of 12</b><br/>(Start practically with cubes or counters, move to teaching children to draw two circles and share their own)<br/>E.g. <math>\frac{1}{2}</math> of 12 = 6</p>  <p><b>Week 6 – Count in multiples of tens up to 100</b><br/>E.g. 10, 20, 30<br/>Start at different numbers e.g. 60,70,80</p> <p><b>Week 6 – Repeated practise from Autumn: practise number bonds to 10.</b></p> <p><b>Week 7 – Find half of a quantity – repeated practise (see above).</b></p> <p><b>Week 8 – Count in multiples of 2</b><br/><a href="#">Count in 2s - Maths - Learning with BBC Bitesize</a></p> <p><b>Week 9 – NTS assessments</b></p> <p><b>Week 10 – Gap fill from NTS</b></p> <p><b>Week 11 – Count forwards from any number within 50. Count backwards from any number within 50.</b></p> <p><b>Week 12 and 13 – Repeated practise of addition and subtraction to 20.</b></p> | <p><b>Week 1 – Repeated practise. Use number bonds to show related facts and fact families.</b></p> <p><b>Week 2 – Repeated practise. Addition and subtraction up to 20.</b></p> <p><b>Week 3 – Repeated practise from Spring. Find half of a quantity e.g. <math>\frac{1}{2}</math> of 12.</b><br/>(start practically with cubes or counters, move to teaching children to draw two circles and share their own dots into them).<br/>E.g. <math>\frac{1}{2}</math> of 12 = 6</p>  <p><b>Week 4 – Count in multiples of 5.</b><br/><a href="#">Count in 5s - KS1 Maths - Learning with BBC Bitesize</a></p> <p><b>Week 5 – Find a quarter of a quantity e.g. <math>\frac{1}{4}</math> of 16</b><br/>(start practically with cubes or counters, move to teaching children to draw four circles and share their own dots into them)<br/><math>\frac{1}{4}</math> of 16 = 4</p>  <p><b>Week 6 – Count forwards and backwards from any number within 100.</b></p> <p><b>Week 7 – Repeated practise. Find a quarter of a quantity e.g. <math>\frac{1}{4}</math> of 16</b><br/>(start practically with cubes or counters, move to teaching children to draw four circles and share their own dots into them)<br/><math>\frac{1}{4}</math> of 16 = 4</p> |

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| <p>Week 7 – Compare groups of objects using &lt; &gt; and =</p> <p>Week 8 – Develop fluency in addition facts within 10.</p>  <p>Understand the number gets bigger.<br/>Count on from the larger number.</p>  <p>Week 9 – Develop fluency in subtraction facts within 10.<br/>Begin with a pile of cubes and practise taking them away. Progress to drawing dots and crossing them out. E.g. 8-2</p> <p>Week 10 – NTS assessments week.</p> <p>Week 11 – Gap fill from NTS.</p> <p>Week 12 –Missing boxes with addition and subtraction up to 10.<br/>E.g. 5+___ = 10      ___ = 4 - 3</p> <p>Week 13 and 14 – Repeated practise of addition and subtraction previously taught.</p> |  |  <p>Week 8 – NTS assessments</p> <p><b>Ensure that children who are working at EXX achieve at least 11/15 on Summer Term NTS arithmetic.</b></p> <p>Week 9 – Count to and across 100, forward and backwards, from any given number.</p> <p>Week 10 – Missing numbers in addition and subtraction up to 20.</p> <p>Week 11 – Teacher judgement to repeat objectives covered so far.</p> |
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