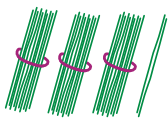
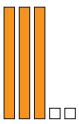
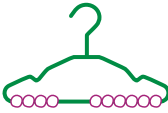
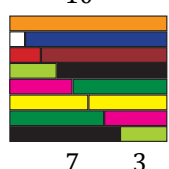
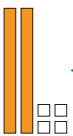
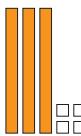
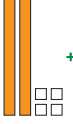
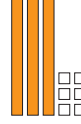
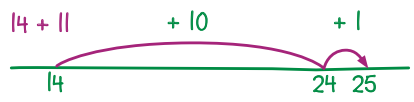
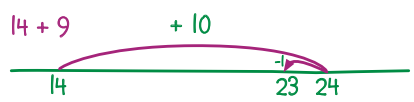
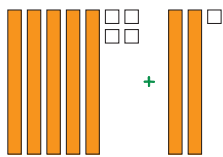
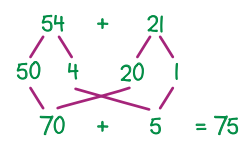

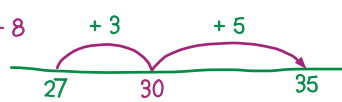




National Curriculum	
<p>Number and Place Value</p> <ul style="list-style-type: none"> Count in steps of 2, 3 and 5 from zero Count in tens from any number Compare and order numbers from 0 to 100 	<p>Addition</p> <ul style="list-style-type: none"> Solve addition problems using concrete and pictorial representations Recall and use addition facts to 20 fluently Derive and use related facts up to 100 Add numbers using concrete objects, pictorial representations, and mentally, including: <ul style="list-style-type: none"> a two digit number and ones a two digit number and tens two two-digit numbers three one digit numbers Show that addition of two numbers can be done in any order (commutative) Recognise the inverse relationship between addition and subtraction
Mental and practical strategies	Informal methods
<p>Partitioning $32 = 30 + 2$</p> <div style="display: flex; justify-content: space-around; align-items: center;">   <div style="text-align: center;"> $3 \text{ 2} = 30 + 2$ </div> </div> <p>Straws Dienes Place value cards</p> <p>Using number facts Bonds to ten</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p style="text-align: center;">10 7 3</p> <p>Adding tens $24 + 10 = 34$</p> <div style="display: flex; align-items: center; justify-content: center;">  + =  </div> <p>Adding TU + TU $24 + 12$</p> <div style="display: flex; align-items: center; justify-content: center;">  + =  </div> <p>Understanding and using inverse</p> <div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 150px;"> <div style="text-align: center;">9</div> <div style="display: flex; justify-content: space-between;"> 6 ? </div> </div> <p style="text-align: center;"> $6 + \square = 9$ $9 - 6 = \square$ </p> <p>Look at patterns</p> <p> $3 + 6 = 9$ $13 + 6 = 19$ $23 + 6 = 29$ $33 + 6 = 39$ </p>	<p>Adding near 10 Recording compensating</p> <div style="text-align: center;"> $14 + 11$  </div> <div style="text-align: center;"> $14 + 9$  </div> <p>Calculating TU + TU Recording partitioning</p> <div style="display: flex; justify-content: space-around; align-items: center;">  + = 75  </div> <p>Recording compensating</p> <div style="text-align: center;"> $63 + 18$  </div> <p>Calculating U + U + U by applying bonds to 10</p> <div style="text-align: center;"> $(6) + 7 + (4) = 17$ </div> <p>Find doubles</p> <div style="text-align: center;"> $(6) + 8 + (6) = 20$ </div> <p>Find near doubles $7 + 8 = 7 + 7 + 1$ or $8 + 8 - 1$</p> <p>Calculating TU + U Recording targeting multiples of ten</p> <div style="text-align: center;"> $27 + 8$  </div>