



Wheatlands Primary School
Maths - Skills Progression (KS1/KS2)
Addition and Subtraction



	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Recall, Represent, Use:	<p>Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.</p> <p>Represent and use number bonds and related subtraction facts within 20.</p> <p style="text-align: center;">Autumn 2 Spring 1</p>	<p>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.</p> <p>Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.</p> <p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.</p> <p style="text-align: center;">Autumn 2</p>	<p>Estimate the answer to a calculation and use inverse operations to check answers.</p> <p style="text-align: center;">Autumn 2</p>	<p>Estimate and use inverse operations to check answers to a calculation.</p> <p style="text-align: center;">Autumn 2</p>	<p>Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.</p> <p style="text-align: center;">Autumn 2</p>	



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Calculations:	<p>Add and subtract one digit and two-digit numbers to 20, including zero.</p> <p style="text-align: right;">Autumn 2 Spring 1</p>	<p>Add and subtract numbers using concrete objects, pictorial representations, and mentally, including:</p> <ul style="list-style-type: none">➤ A two-digit number and ones➤ A two-digit number and tens➤ Two two-digit numbers➤ Adding three one-digit numbers. <p style="text-align: right;">Autumn 2</p>	<p>Add and subtract numbers mentally, including:</p> <ul style="list-style-type: none">➤ A three-digit number and ones➤ A three-digit number and tens➤ A three-digit number and hundreds. <p>Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.</p> <p style="text-align: right;">Autumn 2</p>	<p>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.</p> <p style="text-align: right;">Autumn 2</p>	<p>Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction).</p> <p>Add and subtract numbers mentally with increasingly large numbers.</p> <p style="text-align: right;">Autumn 2</p>	<p>Perform mental calculations, including mixed number operations and large numbers.</p> <p>Use their knowledge of the order of operations to carry out calculations involving the four operations.</p> <p style="text-align: right;">Autumn 2</p>



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Solve Problems:	<p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems ($7 = ? - 9$).</p> <p style="text-align: right;">Autumn 2 Spring 1</p>	<p>Solve problems with addition and subtraction:</p> <ul style="list-style-type: none">➤ Using concrete objects and pictorial representations, including those involving numbers, quantities and measures➤ Applying their increasing knowledge of mental and written methods. <p style="text-align: right;">Autumn 2</p>	<p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p> <p style="text-align: right;">Autumn 2</p>	<p>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</p> <p style="text-align: right;">Autumn 2</p>	<p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.</p> <p>Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.</p> <p style="text-align: right;">Autumn 2</p>	<p>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.</p> <p style="text-align: right;">Autumn 2</p>