

ADDITION & SUBTRACTIO N	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
ADDITION & SUBTRACTION: 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>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts 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>Estimate the answer to a calculation and use inverse operations to check answers</p>	<p>Estimate and use inverse operations to check answers to a calculation</p>	<p>Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy</p>	<p>See calculations and solving problems</p>

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
ADDITION & SUBTRACTION: Calculations	<p>Add and subtract one-digit and two-digit numbers to 20, including zero</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>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 • Add and subtract numbers with up to three digits using formal written methods of columnar addition and subtraction 	<p>Add and subtract numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate</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>Perform mental calculations, including with mixed operations and large numbers</p> <p>Use their knowledge of the order of operations to carry out calculations involving the four operations</p>

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
ADDITION & SUBTRACTION: Solve Problems	<p>Solve one-step problems that involve addition and subtraction, using concrete operations and pictorial representations and missing numbers such as $7 = ? - 9$</p>	<p>Solve problems with addition and subtraction:</p> <ul style="list-style-type: none"> Using concrete objects and pictorial representatives , including those involving numbers, quantities and measures Applying their increasing knowledge of mental and written methods 	<p>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction</p>	<p>Solve addition and subtraction two-step problems in contexts, deciding which operations and methods to se and why</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>Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</p>

