

Progression in Addition/Subtraction

Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>To read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs.</p> <p>To add and subtract one-digit and two-digit numbers to 20, including zero.</p> <p>To solve simple one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems</p> <p>To represent and use number bonds and related subtraction facts within 20.</p>	<p>To solve problems with addition and subtraction:</p> <p>Using concrete objects and pictorial representations, including those involving numbers, quantities and measures</p> <p>Applying their increasing knowledge of mental and written methods.</p> <p>To recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.</p> <p>To add and subtract using concrete objects, pictorial representations, and mentally, including: a two-digit number and ones; a two-digit number and tens; two two-digit numbers; adding three one-digit numbers.</p> <p>To show that addition can be done in any order (commutative) and subtraction cannot.</p> <p>To recognise and use the inverse relationship between addition and subtraction and use this to check</p>	<p>To add and subtract numbers mentally, including: A three-digit number and ones, a three-digit number and tens, a three-digit number and hundreds.</p> <p>To solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</p> <p>To add and subtract numbers with up to three digits, using the efficient written methods of columnar addition and subtraction.</p> <p>To estimate the answer to a calculation and use inverse operations to check answers.</p> <p>To add and subtract amounts of money to give change, using both £ and p in practical contexts.</p>	<p>To add and subtract numbers with up to four digits using the efficient written methods of columnar addition and subtraction where appropriate.</p> <p>To solve addition and subtraction two-step problems in contexts, deciding which operations and methods to use and why.</p> <p>To estimate and use inverse operations to check answers to a calculation.</p>	<p>To add and subtract whole numbers with more than 4 digits, including using efficient written methods (columnar addition and subtraction).</p> <p>To add and subtract numbers mentally with increasingly large numbers.</p> <p>To solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.</p> <p>To use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.</p> <p>To solve problems involving numbers up to three decimal places.</p> <p>To solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign.</p>	<p>To perform mental calculations, including with mixed operations and large numbers.</p> <p>To solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why</p> <p>To solve problems involving addition, subtraction, multiplication and division</p> <p>To use their knowledge of the order of operations to carry out calculations involving the four operations.</p>

	calculations and missing number problems.				
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