

# Algebra

Objectives	EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>Equations</b>		<p>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as <math>7 = \square - 9</math></p> <p><b>(Copied from Addition and Subtraction)</b></p>	<p>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and <b>missing number</b> problems.</p> <p><b>(Copied from Addition and Subtraction)</b></p>	<p>Solve problems, including <b>missing number</b> problems, using number facts, place value, and more complex addition and subtraction.</p> <p><b>(Copied from Addition and Subtraction)</b></p>		<p>Use the properties of rectangles to deduce related facts and find <b>missing lengths and angles</b></p> <p><b>(Copied from Geometry: Properties of Shapes)</b></p>	<p>Express missing number problems algebraically</p>
				<p>Solve problems, including <b>missing number</b> problems, involving multiplication and division, including integer scaling</p> <p><b>(Copied from Multiplication and Division)</b></p>			

			Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 <b>(Copied from Addition and Subtraction)</b>				Find pairs of numbers that satisfy number sentences involving two unknowns
		Represent and use number bonds and related subtraction facts within 20 <b>(Copied from Addition and Subtraction)</b>					Enumerate all possibilities of combinations of two variables
<b>Formulae</b>					Perimeter can be expressed algebraically as $2(a + b)$ where a and b are the dimensions in the same unit. <b>(Copied from NSG measurement)</b>		Use simple formulae
							Recognise when it is possible to use <b>formulae</b> for area and volume of shapes <b>(Copied from Measurement)</b>

<p><b>Sequences</b></p>		<p>Sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening  <b>(Copied from Measurement)</b></p>	<p>Compare and sequence intervals of time  (copied from Measurement)</p> <hr/> <p>Order and arrange combinations of mathematical objects in patterns  <b>(Copied from Geometry: position and direction)</b></p>				<p>Generate and describe linear number sequences</p>
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