



# Algebra

EQUATIONS					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>I know how to solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and <b>missing number problems</b> such as <math>7 = \square - 9</math> (copied from Addition and Subtraction)</p>	<p>I know how to use the inverse relationship between addition and subtraction and use this to check calculations and <b>missing number problems</b>. (copied from Addition and Subtraction)</p>	<p>I know how to solve problems, including <b>missing number</b> problems, using number facts, place value, and more complex addition and subtraction. (copied from Addition and Subtraction)</p>		<p>I know how to use the properties of rectangles to deduce related facts and find <b>missing lengths and angles</b> (copied from Geometry: Properties of Shapes)</p>	<p>I know how to express missing number problems algebraically</p>
		<p>solve problems, including <b>missing number</b> problems, involving multiplication and division, including integer scaling (copied from Multiplication and Division)</p>			
	<p>I know how to use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 (copied from Addition and Subtraction)</p>				<p>I know how to find pairs of numbers that satisfy number sentences involving two unknowns</p>
<p>I know how to use number bonds and related subtraction facts within 20 (copied from Addition and Subtraction)</p>					<p>I know how to enumerate all possibilities of combinations of two variables</p>



# Algebra

FORMULAE						
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 6
			<p><i>I know that perimeter can be expressed algebraically as <math>2(a + b)</math> where <math>a</math> and <math>b</math> are the dimensions in the same unit.</i> (Copied from NSG measurement)</p>			<p>use simple formulae</p>
						<p><i>recognise when it is possible to use <b>formulae</b> for area and volume of shapes</i> (copied from Measurement)</p>
SEQUENCE						
<p><i>I know how to sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening</i> (copied from Measurement)</p>	<p><i>I know how to compare and sequence intervals of time</i> (copied from Measurement)</p> <p><i>I know how to order and arrange combinations of mathematical objects in patterns</i> (copied from Geometry: position and direction)</p>					<p>I know how to generate and describe linear number sequences</p>