



## Progression of skills - Algebra

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

FORMULAE				
Year 1	Year 2	Year 3	Year 4	Year 5
			<p><i>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>	



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### SEQUENCES

*sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening*  
(copied from Measurement)

*compare and sequence intervals of time*  
(copied from Measurement)  
*order and arrange combinations of mathematical objects in patterns*  
(copied from Geometry: position and direction)

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