



# Power Maths Knowledge & Skills Progression

## Algebra



EQUATIONS					
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<p>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>recognise and 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>solve problems, including <b>missing number problems</b>, using number facts, place value, and more complex addition and subtraction. (copied from Addition and Subtraction)</p>		<p>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>express missing number problems algebraically</p>
		<p>solve problems, including <b>missing number problems</b>, involving multiplication and division, including integer scaling (copied from Multiplication and Division)</p>			
	<p>recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 (copied from Addition and Subtraction)</p>				<p>find pairs of numbers that satisfy number sentences involving two unknowns</p>
<p>represent and use number bonds and related subtraction facts within 20 (copied from Addition and Subtraction)</p>					<p>enumerate all possibilities of combinations of two variables</p>