



# Progression in Maths:

# Number: Algebra

Progression statements taken from NCETM Progression Maps for KS1 and KS2

EYFS statements taken from EYFS Development Matters. Statements in red taken from NCETM EYFS Progression charts.

EYFS 30-50 mths	EYFS 40-60 mths	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>EQUATIONS</b>							
<p><u>Repeated patterns:</u> Continue and copy an AB pattern</p>	<p>Make own AB pattern, Spot errors in an AB pattern,  Identify the unit of repeat.  Continue, copy and make an ABC pattern then more complex pattern structures ABB, ABBC AABB  Continue a pattern that stops mid-unit  Spot errors in an ABB pattern  Symbolise the structure unit—record patterns made e.g. using letter R to stand for a red dinosaur.</p>	<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 = * - 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</b> problems, using number facts, place value, and more complex addition and subtraction.  (copied from Addition and Subtraction)</p> <p>-----</p> <p>Solve problems. Including missing number problems, involving multiplication and division, including integer scaling  (copied from Multiplication and Division)</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>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>

