

## Algebra

Development Matters	0 – 3	
	3 – 4	
	FS2	
White Rose	Y1	Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = * - 9$ (copied from Addition and Subtraction). Represent and use number bonds and related subtraction facts within 20 (copied from Addition and Subtraction).
	Y2	Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems (copied from Addition and Subtraction). Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 (copied from Addition and Subtraction). Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. (copied from Addition and Subtraction).
	Y3	Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction (copied from Addition and Subtraction). Solve problems, including missing number problems, involving multiplication and division and including integer scaling (copied from Multiplication and Division).
	Y4	
	Y5	
	Y6	Use simple formulae Generate and describe linear number sequences. Express missing numbers algebraically Find pairs of numbers that satisfy and equations with two unknowns. Enumerate possibilities of combinations of two variables
	KS3	Use and interpret algebraic notation including $ab$ ( $a \times b$ ) $3y$ ( $3 \times y$ ), substituting numerical values into formula to find the value of an equation. Combine variables within an equation or expression and simplify by collecting like terms. Recognise and use the relationships between operations and use inverse to change the subject of a formula. Use and interpret bracket notation with algebraic equations, multiplying out a single bracket.

		Plot a linear function on a graph from an equation and interpret mathematically. Understand linear sequences and finding a formula.
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