



Longfield Learning Journey



Key Stage 3 Extend	Unit 5– Year 8 Algebraic Expressions, Formulae and Proof	Term: 2.1		
Key Words:	Prerequisites	R	A	G
Variable, algebraic expression, collecting like terms, formula, expand, equivalent, factorisations	Use in Index Notation			
	Use the four operations			
	Substitute into Algebraic Expressions			
	Simplify Algebraic Expressions			

	Content: Algebraic Expressions, Formulae and Proof	R	A	G
5.1 Use of letters in algebra	Use letters to represent numbers or variables			
	Interpret notations			
5.2 Evaluation of Algebraic Expressions and Formulae	Evaluate algebraic expressions and formulae			
5.3 Algebraic Expressions in the Real World	Express real-world situations in algebraic expressions			
5.4 Simplification of Linear Expressions	Simplify linear expressions			
5.5 Factorisation by using Common Factors	Factorise an algebraic expression by using common factors			
5.6 Proof	Prove a statement algebraically			

K <i>What you know</i>	W <i>What you want to know</i>	L <i>What have you learned</i>