



Longfield Learning Journey



Key Stage 3 Extend	Unit 6 – Year 8 Equations and Inequalities in One Variable	Term: 2.1		
Key Words:	Prerequisites	R	A	G
Equation, variable, solution, root, satisfies, inverse, equivalent, linear, inequality.	Know and use inverse relationships			
	Substitute into Algebraic Expressions			
	Simplify Algebraic Expressions			
	Solve simple linear equations			

	Content: Equations and Inequalities in One Variable	R	A	G
6.1 Simple Linear Equations in One Variable	Understand the concepts of equations and the solution of an equation			
	Solve linear equations in one variable			
6.2 Equations Involving Brackets	Solve linear equations in one variable involving brackets			
6.3 Simple Fractional Equations	Solve simple fractional equations			
6.4 Forming Linear Equations to Solve Problems	Formulate linear equations in one variable to solve problems			
6.5 Inequality Relationships	Understand the concept and properties of linear inequalities			
6.6 Solving Inequalities	Solve simple linear inequalities			
	Solve simple problems involving inequalities			

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