Curriculum Map	Subject: Mathematics		
Theme / Area Covered	**Unit 5 Algebraic Proficiency - Tinkering**		
	Age Related Targets – Year 7	Age Related Targets – Year 8	Age Related Targets – Year 9
Key Objectives / Learning Pathway Emerging	Use simple formulae. Understand that 2e represents 2 x e or 2 lots of e. Solve a simple algebraic formula.	Use pictorial method to calculate value of unknown (2 red buses + 1 = 7). Substitute into a simple linear equation to find the value of the unknown. Expand single brackets using the grid method.	Substitute into a simple linear equation that requires reverse operations or rearranging. Expand double brackets using the grid method. Expand single brackets by inspection.
Key Objectives / Learning Pathway Developing	Use pictorial method to calculate value of unknown (2 red buses + 1 = 7). Substitute into a simple linear equation to find the value of the unknown. Expand single brackets using the grid method.	Substitute into a simple linear equation that requires reverse operations or rearranging. Expand double brackets using the grid method. Expand single brackets by inspection.	Expands double brackets where negatives are involved. Factorise into a single bracket.
Key Objectives / Learning Pathway Securing	Substitute into a simple linear equation that requires reverse operations or rearranging. Expand double brackets using the grid method. Expand single brackets by inspection.	Expands double brackets where negatives are involved. Factorise into a single bracket.	Factorise into double brackets including the use of negatives.
Key Objectives / Learning Pathway Excelling	Expands double brackets where negatives are involved. Factorise into a single bracket.	Factorise into double brackets including the use of negatives.	Simplify an expression by using the laws of indices for multiplication Simplify an expression by using the laws of indices for division Simplify an expression by using the laws of indices for powers