Key Stage 3 Curriculum Map 2021-22

Term 1

Subject: Mathematics		Year: 7	
Focus/Topic	UAE Links	HPL Links	Home Learning / Guided Reading
• Multiplication and Division of Integers - Use the area model to multiply integers, use long division for division.		Analysing – Critical or logical thinking	Dr Frost Maths
• Negative Numbers - Add and subtract negative numbers, multiply and divide negative numbers.		Hard working – Resilience	Dr Frost Maths
• Appreciation of Number Systems - Explore Roman Numerals and Binary.		Linking – Big picture thinking	Dr Frost Maths
• Fractions, Decimals and Percentages - Convert between fractions, decimals and percentages using a variety of methods.		Analysing – Complex and multi step problem solving	Dr Frost Maths
• Percentages of Amounts		Agile - Enquiring	Dr Frost Maths
Break			
• Ratio - Share amounts in different ratios, use ratio to solve recipe questions.		Creating – Flexible thinking	Dr Frost Maths
• Properties of 2D Shapes - Explore properties of triangles, quadrilaterals and other common 2D shapes.		Realising - Automaticity	Dr Frost Maths
• Area of Triangles and Quadrilaterals		Realising – Speed and accuracy	Dr Frost Maths
• Area & Perimeter of Rectilinear Shapes - Partition compound shapes into triangles and quadrilaterals.		Linking – Seeing alternative perspectives	Dr Frost Maths
• Volume & Surface Area of a Cuboid		Analysing – Critical or logical thinking	Dr Frost Maths