

Key Stage 3 Curriculum Map 2021-22

Term 1

Subject: Mathematics		Year: 9	
Focus/Topic	UAE Links	HPL Links	Home Learning / Guided Reading
<ul style="list-style-type: none"> Indices - Apply the laws of indices, including with negative indices. 		Analysing – Critical or logical thinking	Dr Frost Maths
<ul style="list-style-type: none"> Standard Form - Explore writing numbers in standard form and apply the four operations. 		Hard working – Resilience	Dr Frost Maths
<ul style="list-style-type: none"> Percentage Change & Reverse Percentages - Write one number as a fraction of another and calculate the original price of an item in a sale. 		Linking – Big picture thinking	Dr Frost Maths
<ul style="list-style-type: none"> Interest & Depreciation - Calculate simple and compound interest and find the depreciated value of an item after a given amount of time. 		Analysing – Complex and multi step problem solving	Dr Frost Maths
Break			
<ul style="list-style-type: none"> Speed, Distance & Time - Find an average speed, given a distance and time and draw a speed, distance and time graph. 		Creating – Flexible thinking	Dr Frost Maths
<ul style="list-style-type: none"> Currency Conversion - Convert between several currencies given exchange rates. 		Realising - Automaticity	Dr Frost Maths
<ul style="list-style-type: none"> Pythagoras' Theorem in 3D - Find the lengths of space diagonals. 		Analysing – Complex and multi step problem solving	Dr Frost Maths
<ul style="list-style-type: none"> Arcs & Sectors - Find the area and perimeter of sectors. 		Linking – Seeing alternative perspectives	Dr Frost Maths
<ul style="list-style-type: none"> Volume & Surface Area of Prisms & Cylinders - Find the volume and surface area of triangular prisms and cylinders. 		Analysing – Critical or logical thinking	Dr Frost Maths