

Year 7 Units

	Autumn (HT1 and 2)	Spring (HT3 and 4)	Summer (HT5)
Pi 1 Support	<ul style="list-style-type: none"> Analysing and displaying data. Calculating using the 4 operations (+, -, x, ÷) Expressions, functions and formulae – using, simplifying and writing. Graphs – real-life graphs, coordinates and functions 	<ul style="list-style-type: none"> Factors and multiples. Decimals and measures – estimating and rounding. Angles and lines – measuring, drawing and combining angles. Measuring and shapes – symmetry, regular shapes, area and perimeter. 	<ul style="list-style-type: none"> Basic fractions, decimals and percentages. Transformations – reflection, rotation and translation.
Theta 1 Core	<ul style="list-style-type: none"> Analysing and displaying data Number skills Simplifying expressions, functions and formulae, function machines. Decimals and measurement 	<ul style="list-style-type: none"> Fractions, decimals and basic percentages Probability Ratio and proportion Lines and angles – estimating drawing, triangles and quadrilaterals 	<ul style="list-style-type: none"> Sequences coordinates and graphs. Transformations and congruency.
Delta 1 Extension	<ul style="list-style-type: none"> Grouped data, graphs, pie charts and scatter graphs. Number skills – factors, primes, multiples, powers and roots. Simplifying expressions, writing formulae, brackets and powers. Fractions – applying the four operations to fractions (+, -, x, ÷) 	<ul style="list-style-type: none"> Angles and shapes, parallel lines and polygons. Decimals – Ordering, the four operations, introducing percentages. Equations – Solving one and two step equations, trial and error. Multiplicative reasoning – ratio, proportion and the unitary method. 	<ul style="list-style-type: none"> Perimeter, area and volume of standard 2-dimensional polygons and 3-dimensional solids. Sequences and graphs – the nth term, coordinates, line segments and graphs.
	<p><u>Assessments</u></p> <ul style="list-style-type: none"> Each unit will include a unit assessment. A half termly test will be based on all of the work encountered up to that point in the year. 		