



Year 10 Intermediate Route Map

		Curriculum Coverage	Key assessment
5 Sept	- 9 Sep	1 Proportion – Direct and Inverse Proportion	Mastery Assessments
12 Sep	- 16 Sep	2 Forming and Solving equations	
19 Sep	- 23 Sep	3 Proportion – Graphs	
26 Sep	- 30 Sept	4 Angle Facts	
3 Oct	- 7 Oct	5 Circle Theorems	
10 Oct	- 14 Oct	6 Linear inequalities	
17 Oct	- 21 Oct	7 Half Term	
24 Oct	- 28 Oct		
31 Oct	- 4 Nov	8 Angles, algebra and ratio	Mastery Assessments
7 Nov	- 11 Nov	9 Rules of indices. Evaluate integer and fraction indices	
14 Nov	- 18 Nov	10 Trigonometry – sin cos tan	
21 Nov	- 25 Nov	11 Cycle Assessment	
28 Nov	- 2 Dec	12 Coordinate Geometry – Find equation of a straight line using 1 point and gradient, given 2 points. Perpendicular lines. Find equation of a tangent to a circle. Find intersection of lines using algebra.	
5 Dec	- 9 Dec	13 Algebraic vector proof	
12 Dec	- 16 Dec	14 Scatter graphs – Use and interpret. Correlation. Use Line of Best Fit. Interpolation and Extrapolation. Frequency Polygon	
19 Dec	- 23 Dec	15 Christmas & New Year Break	
26 Dec	- 30 Dec		
2 Jan	- 6 Jan	16 Trigonometry – Use Sine and Cosine rules for missing lengths and angles. Use triangle area formula. Solve problems in context	Mastery Assessments
9 Jan	- 13 Jan	17 Re-arrange Formulas	
16 Jan	- 20 Jan	18 Linear and Quadratic Sequences – Find the nth term of a sequence. Find terms from nth term. Solve problems.	
23 Jan	- 27 Jan	19 Geometric sequences – Know different types of sequences. Find next term. Find nth term.	
30 Jan	- 3 Feb	20 Rearranging formulas – Squares, roots, fractions, factorising	
6 Feb	- 10 Feb	21 Half term	
13 Feb	- 18 Feb	22 Speed and Distance Time graphs	
20 Feb	- 24 Feb	23 Forming and solving equations	
27 Feb	- 3 Mar	24 PPE Preparation	Mastery Assessments
6 Mar	- 10 Mar	25 PPE	
13 Mar	- 17 Mar	26 PPE Repair	
20 Mar	- 24 Mar	27 Cumulative Frequency and Box Plots – Median, Quartiles, IQR. Compare data using Median and IQR. Draw and interpret Box Plot. Draw and interpret Cumulative Frequency curve and find Median and Quartiles. Use CF to draw a Box Plot. Use CF curve to solve problems.	
27 Mar	- 31 Mar	28 Easter	
3 Apr	- 7 Apr	29 Calculus – Use a tangent and estimate gradient using a drawn line. Calculate and Estimate Area under a curve.	
10 Apr	- 14 Apr	30 Velocity Time Graphs – Find acceleration from VT graph. Find Area under VT graph and interpret as distance.	
17 Apr	- 21 Apr	31 Histograms – Construct a Histogram from a frequency table. Complete frequency table from a Histogram. Use a Histogram to solve problems.	
24 Apr	- 28 Apr	32 Functions – Inputs, outputs. Use function notation. Find Inverse Functions. Composite Functions. Recognise, sketch and interpret graphs of linear, quadratic, simple cubic, reciprocal, exponential and the trigonometric functions	Mastery Assessments
1 May	- 5 May	33 Half term	
8 May	- 12 May	34 Functions	
15 May	- 19 May	35 Compound Measures - Solve problems that require the combining of means, densities and average speeds.	
22 May	- 26 May	36 Enlargement and Transformations – Enlarge shapes using a Negative Scale Factor, describe fully.	
29 May	- 2 Jun	37 Cycle Assessment	
5 Jun	- 9 Jun	38 Assessment repair	
12 Jun	- 16 Jun	39 Assessment repair	
19 Jun	- 23 Jun		
26 Jun	- 30 Jun		
3 Jul	- 7 Jul		
10 Jul	- 14 Jul		
17 Jul	- 21 Jul		

This is the intended curriculum delivery. Please be aware that dates may change depending on your needs.