



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			
19 Sep - 23 Sep	3			
26 Sep - 30 Sept	4			
3 Oct - 7 Oct	5			
10 Oct - 14 Oct	6			
17Oct - 21 Oct	7			
24 Oct - 28Oct		Half Term		
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	Cycle Assessment	
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 - 23Dec		Christmas & New Year Break		
26 Dec - 30 Dec				
2 Jan - 6 Jan	15	Trigonometry – Use Sine and Cosine rules for missing lengths and angles. Use triangle area formula. Solve problems in context	Mastery Assessments	
9 Jan - 13Jan	16			
16 Jan - 20 Jan	17			
23 Jan - 27 Jan	18			
30 Jan - 3 Feb	19			
6 Feb - 10 Feb	20			
13 Feb - 18 Feb		Half term		
20Feb - 24Feb	21	Speed and Distance Time graphs	Mastery Assessments	
27 Feb - 3 Mar	22	Forming and solving equations		
6 Mar - 10 Mar	23	PPE Preparation		
13 Mar - 17 Mar	24	PPE		
20 Mar - 24 Mar	25	PPE Repair		
27 Mar - 31 Mar	26	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.		
3 Apr - 7 Apr		Easter		
10 Apr - 14 Apr				
17 Apr - 21 Apr	27	Cumulative Frequency and Box Plots		
24 Apr - 28Apr	28	Calculus – Use a tangent and estimate gradient using a drawn line. Calculate and Estimate Area under a curve.	Mastery Assessments	
1 May - 5 May	29	Velocity Time Graphs – Find acceleration from VT graph. Find Area under VT graph and interpret as distance.		
8 May - 12 May	30	Histograms – Construct a Histogram from a frequency table. Complete frequency table from a Histogram. Use a Histogram to solve problems.		
15 May - 19 May	31			
22 May - 26 May	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		
29 May - 2 Jun		Half term		
5 Jun - 9 Jun	33	Functions	Mastery Assessments	
12 Jun - 16 Jun	34	Compound Measures - Solve problems that require the combining of means, densities and average speeds.		
19 Jun - 23 Jun	35	Enlargement and Transformations – Enlarge shapes using a Negative Scale Factor, describe fully.	Cycle Assessment	
26 Jun - 30 Jun	36	Cycle Assessment		
3 Jul - 7 Jul	37	Assessment repair		
10 Jul - 14 Jul	38	Assessment repair		
17 Jul - 21 Jul				

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