



Year 10 Foundation Route Map

		Curriculum Coverage	Key assessment	
5 Sept	- 9 Sep	1 Proportion - proportional relationship. Direct proportion and inverse proportion. 2 Proportion in a variety of contexts	Mastery Assessments	
19 Sep	- 23 Sep	3 Fractions – Simplify, Multiply and divide		
26 Sep	- 30 Sept	4 Algebra – Simplify expressions, Expand single brackets, Expand and simplify double brackets		
3 Oct	- 7 Oct	5 Fractions – Convert Improper and Mixed, Add and Subtract		
10 Oct	- 14 Oct	6 Equations and Inequalities – Solve unknown one side, both sides. Solution of inequality using number line		
17 Oct	- 21 Oct	7 Mental Percentages – Form %, Find 10%, Find other % using non-calculator methods.		
24 Oct	- 28 Oct	Half Term		
31 Oct	- 4 Nov	8 Area and Perimeter – Find perimeter and area of rectangles, triangles and composite shapes.	Mastery Assessments Cycle Assessment	
7 Nov	- 11 Nov	9 Presenting data – frequency tables, Bar charts and compound bar charts, Pictograms, Pie charts, Frequency Polygons, Vertical line charts, Stem and leaf diagrams.		
14 Nov	- 18 Nov	10 Trigonometry – sin cos tan		
21 Nov	- 25 Nov	11 Cycle Assessment		
28 Nov	- 2 Dec	12 Angles – Around a point, on a straight line, vertically opposite, triangles, isosceles triangles		
5 Dec	- 9 Dec	13 Sequences – Next term Arithmetic, Geometric. Use Position to term rule ‘nth term’		
12 Dec	- 16 Dec	14 Scatter graphs – Use and interpret. Correlation. Use Line of Best Fit. Interpolation and Extrapolation.		
19 Dec	- 23 Dec	Christmas & New Year Break		
26 Dec	- 30 Dec	Christmas & New Year Break		
2 Jan	- 6 Jan	15 Pythagoras – Find side of a triangle. Triangles joined together. Length of a line segment. Different contexts.	Mastery Assessments	
9 Jan	- 13 Jan	16 Trigonometry – Find missing length. Find missing Angle.		
16 Jan	- 20 Jan	17 Averages and Spread – Mean, Median, Mode and Range. Use tables, diagrams and grouped frequency		
23 Jan	- 27 Jan	18 Simultaneous Equations and substitution		
30 Jan	- 3 Feb	19 Simultaneous Equations and substitution		
6 Feb	- 10 Feb	20 Ratio, Proportion, fractions and percentages to solve mixed exam style questions		
13 Feb	- 18 Feb	Half term		
20 Feb	- 24 Feb	21 Quadratics - solving equations		
27 Feb	- 3 Mar	22 Non Calculator methods – for multiplying and dividing including decimals	Mastery Assessments Assessment /PPE	
6 Mar	- 10 Mar	23 Assessment/PPE Preparation		
13 Mar	- 17 Mar	24 Assessment /PPE		
20 Mar	- 24 Mar	25 Assessment /PPE Repair		
27 Mar	- 31 Mar	26 Equations of straight lines – horizontal and vertical lines. Plot lines using a table and Calculator Table Mode. Find gradient and intercept and use to plot a line.		
3 Apr	- 7 Apr	Easter		
10 Apr	- 14 Apr	Easter		
17 Apr	- 21 Apr	27 Ratio and Proportion – Unitary method – Best value, recipes, conversions. Use ratios 1:n or n:1		
24 Apr	- 28 Apr	28 Ratio and Proportion – Unitary method – Best value, recipes, conversions. Use ratios 1:n or n:1	Mastery Assessments	
1 May	- 5 May	29 Volume – Units of measure. Volumes of Prisms. Applying to problems.		
8 May	- 12 May	30 Quadratics - graphs		
15 May	- 19 May	31 Angles – Exterior and Interior angles of Polygons		
22 May	- 26 May	32 Surface Area - of a Prism		
29 May	- 2 Jun	Half term		
5 Jun	- 9 Jun	33 Transformations – Reflection, Rotation, Translation. Draw and describe fully.	Mastery Assessments Cycle Assessment	
12 Jun	- 16 Jun	34 Equations - forming and solving		
19 Jun	- 23 Jun	35 Equations - forming and solving		
26 Jun	- 30 Jun	36 Cycle Assessment		
3 Jul	- 7 Jul	37 Cycle Assessment repair		
10 Jul	- 14 Jul	38 Cycle Assessment repair		
17 Jul	- 21 Jul	39 Extension Week		

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