



## Year 10 Foundation Route Map

		Curriculum Coverage	Key assessment
5 Sept - 9 Sep	1	Proportion - proportional relationship. Direct proportion and inverse proportion.	Mastery Assessments
12 Sep - 16 Sep	2	Proportion in a variety of contexts	
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	
17Oct - 21 Oct	7	Mental Percentages – Form %, Find 10%, Find other % using non-calculator methods.	
24 Oct - 28Oct		Half Term	
31 Oct - 4 Nov	8	Area and Perimeter – Find perimeter and area of rectangles, triangles and composite shapes.	Mastery Assessments
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.	Cycle Assessment
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 - 23Dec		Christmas & New Year Break	
26 Dec - 30 Dec			
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 - 13Jan	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	
20Feb - 24Feb	21	Quadratics - solving equations	Mastery Assessments
27 Feb - 3 Mar	22	Non Calculator methods – for multiplying and dividing including decimals	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			
17 Apr - 21 Apr	27	Ratio and Proportion – Unitary method – Best value, recipes, conversions. Use ratios 1:n or n:1	
24 Apr - 28Apr	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
12 Jun - 16 Jun	34	Equations - forming and solving	Cycle Assessment
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.