Maths Curriculum Map

Week	Term	Unit	Year 7	Year 8	Year 9 - Foundation	Year 9 - Higher	Year 10 - Foundation	Year 10 - Higher	Year 11 - Foundation	Year 11 - Higher
1										
2	T1a	T1A NUMBER	Place value	Place value	Number and Ratio Basic Skills	Algebra Basic Skills	Angles in 2-D Shapes	Algebra Review	Plotting Functions 3	Rearranging Algebra & Iteration
3			rounding	rounding			2-D Perimeter and Area			
4		T1A GEOMETRY	negative numbers	negative numbers	Geometry Basic Skills	Geometry Basic Skills	3-D Nets, Plans and Elevations	Quadratic Functions	Linear Graphs & Properties	Solving Quadratic Equations
5			scales, conversions and measures	scales, conversions and measures			3-D Surface Area and Volume		Quadratic Expressions	
6			scales, conversions and measures	scales, conversions and measures	Algebra Basic Skills	Number and Ratio Basic Skills	Angles in Parallel Lines	Functions		Solving Quadratic Inequalities
7			perimeter, area and volume	perimeter, area and volume	Data Handling and Probability Basic Skills	Data Handling and Probability Basic Skills		Algebraic Fractions	Recognising Sketches	Straight & Perpendicular Lines
8			perimeter, area and volume	perimeter, area and volume					Angles 1 - 2D Shapes and Parallel Lines	Compound Measures
9	T1b	T1B NUMBER	Calculations	Calculations	Patterns and Sequences	Arithmetic Progressions	Constructions and Loci	Ratio and Proportion 2	Angles 2 - Polygons	Compound Measures
10			Calculations	Calculations	Plotting Functions	Properties of Functions	Units of Different Dimensions		Single-Event Probability 2	DT and VT Graphs
11		T1B ALGEBRA	Expressions and Equations	Expressions and Equations	Ratio and Proportion	Simultaneous Equations	Expressions and Brackets	Multi - Event Probability		Trigonometric Functions
12			Expressions and Equations	Expressions and Equations		Right Angled Triangles			Multi-Event Probability	Transforming Functions
13			Expressions and Equations	Expressions and Equations	Measurements, Bearings, Construtions and Loci		Factorising	Repeated Percentage Change	Venn Diagrams and Sets	Data - Quartiles
14			catch up/review week	catch up/review week		Bearings, Constructions and Loci	Equations		Calculations, Rounding And Approximation	
15			catch up week/end of term activites	catch up week/end of term activites	Review and Catch Up Week	Review and Catch Up Week	Review and Catch Up Week	Review and Catch Up Week	Review and Catch Up Week	Sequences and Progressions
16	T2a	T2A NUMBER	Fractions, Decimals and Percentages	Fractions, Decimals and Percentages	Right Angled Triangles	Ratio and Proportion 1	Inequalities	Surds	Simultaneous Equations 2	Exponential and Reciprocal Graphs
17			Fractions, Decimals and Percentages	Fractions, Decimals and Percentages			Patterns and Sequences 2			Coordinate Geometry
18			Fractions, Decimals and Percentages	Fractions, Decimals and Percentages	Working With Data	Grouped Data 1	Plotting Functions 2	Angles	Transformations 3	Simultaneous Equations 2
19		T2A GEOMETRY	2D shapes	2D shapes		Sketches and Graph Properties	Sketches and Graph Properties		Vectors 2	Circle Theorems 2
20			Angles	Angles	Powers, Roots and Index Laws	Index Laws and Reciprocals	Real Life Graphs	3-D Shapes	Speed Distance Time 2	Circle Theorem Proofs
21			Angles	Angles	Powers of 10 and Standard Form	Standard Form	Averages from Raw Data		Density Mass Volume 2	3D Pythagoras & Trigonometry
22			review of algebra topic 1 (substitution, formulae etc)	review of algebra topic 1 (substitution, formulae etc)	Transformations	Transformations	Averages From Tables	Right Angled Triangles 2	Review and Catch Up Week	
23	T2b	T2B ALGEBRA	graphs	graphs	Similarity of Shapes	Similarity of Shapes	Frequency Polygons and Scatter Diagrams	Right Angled Triangles 2	Percentages 3	Mathematically Similar Shapes
24			graphs	graphs	Speed Distance Time	Density Mass Volume	Single-Event Probability	Advanced Trigonometry		Proving Congruence & Similarity
25		T2B STATISTICS	averages	averages	Density Mass Volume	Speed Distance Time	Ratio and Proportion 3		Compound Interest	Complex 3D Shapes
26			collecting and presenting data	collecting and presenting data	Calculations and Estimation	Estimation		Arcs and Sectors	Proportional Reasoning	
27		T2B NUMBER	Factors, multiples and powers	Factors, multiples and powers	Working With Fractions	Working With Fractions	Transformations 2	Approximation Methods and Bounds	Forming and Solving Equations from Words and Shapes	Probability Review
28			Factors, multiples and powers	Factors, multiples and powers		Review and Catch Up Week	Review and Catch Up Week	Review and Catch Up Week	Patterns and Sequences 3	Review and Catch Up Week
29	T3a	T3A GEOMETRY	Transformations	Transformations	Review and Catch Up Week	Probability Trees	Vectors	Vectors and Vector Proofs	REVISION/BESPOKE SCHEME	REVISION/BESPOKE SCHEME
30			Transformations	Transformations	Probability	Venn Diagrams and Sets				
31		T3A GEOMETRY 2	properties of 3d shapes	properties of 3d shapes	Percentages	Percentages	Percentages 2	Transformations 2		
32			constructions and Loci	constructions and Loci			Simultaneous Equations	Sampling and Probability Types		
33			catch up/review week	catch up/review week	Stand Alone Topics - Scatter Graphs, Plans and Elevations	Stand Alone Topics - Scatter Graphs, Recurring Decimals, Plans and Elevations		Stand Alone Topics		
34	T3b	T3B ALGEBRA	Sequences	Sequences	Revision	Catch up week	Stand Alone Topics	Direct and Inverse Proportional Relationships	REVISION, STUDY LEAVE AND EXAMS - GOOD LUCK!	REVISION, STUDY LEAVE AND EXAMS - GOOD LUCK!
35			Sequences	Sequences	Exam Review	Catch up week	Prime Products, HCF and LCM			
36		T3B RATIO	Ratio and Proportion	Ratio and Proportion	Ratio and Proportion 2	Data Handling Skills	REVISION/MOCKS	REVISION/MOCKS		
37			Ratio and Proportion	Ratio and Proportion		Revision and Exam	WORK EXPERIENCE	WORK EXPERIENCE		
38		T3B STATISTICS	probability	probability	Circles	Review and Catch Up Week	WORK EXPERIENCE	WORK EXPERIENCE		
39			probability	probability	Volume and Surface Area	Data Handling Skills & Project	Mock Review, Fractions and Mixed Numbers	Mock Review and Algebraic Proof		
40			last week of term activites	last week of term activites	Looking Ahead	Data Handling Skills & Project (include Histograms)		Circle Theorems (Booklets)		