

Maths Curriculum Map 2021-22

Our curriculum is designed to develop confidence, skills and understanding of Mathematics by constantly building on prior learning. The foundations laid at each stage inspire a love and curiosity for greater knowledge, giving our students breadth as well as depth in their school career.

Term	Autumn Term 2021								Spring Term 2022								Summer Term 2022																							
	Term 1a				Term 1b				Term 2a				Term 2b				Term 3a				Term 3b																			
Weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
Year 7	CPD Days	Testing, Meet & Greet Lesson	Unit 1. Addition, Subtraction	Assessment Practice	Baseline Assessment Week	Unit 2. Functions & Expressions	Review	Unit 3. Formulae	Unit 1. Money, Factors, Multiples, Primes	Unit 1. Averages, Data, Charts, Graphs	Unit 4. Decimals, Measures, Area, Perimeter	Unit 5. Fractions	Recovery Week	Unit 5. Fractions, Decimals, Percentages	Unit 6. Probability	Unit 7. Ratio & Proportion	Unit 8. Angles	Revision	INTERNAL EXAMS	Unit 9. Sequences	Review	Unit 9. Straight Line Graphs	Unit 10. Congruency & Transformations	Unit 1. Calculations, Powers, Roots, Brackets	Revision	Assessment	Unit 2. Area, Volume, Nets, Plans, Surface Area				Unit 3. Pie Charts, Stem&Leaf	Unit 4. Powers, Brackets, Factorising	Recovery Week	End of Activities						
Year 8	CPD Days	Testing, Meet & Greet Lesson	Unit 5. Graphs, D&T, Conversion, Rereal Life		Unit 6. Decimals, Rounding	Unit 7. Angles, alternate, coresp, parallel, interior		Unit 8. Fractions	Revision	Assessments	Unit 8. Fractions	Review	Unit 10. Fractions & Proportions, Percentages	Recovery Week	Revision	Internal Exams	Unit 1. Indices & Estimates	Review	Unit 1. Standard Form	Unit 2. Solving Equations, Substituting, Formulae, Indices, Brackets		Unit 3. Data & Averages	Unit 4. Multiplicative Reasoning	Recovery Week	Inequalities, Solving Equations		Revision	Assessment	Unit 7. Circes, Areas & Circumference	Review	Unit 7. Pythagoras' Theorem	Unit 8. Straight Line Graphs	Unit 9. Probability	Recovery Week	Recovery Week	End of Activities				
Year 9	CPD Days	Testing	Recovery Week	Number		Algebra		Assessment Cycle				Algebra		Statistics		Recovery Week	Number		Geometry		Assessment Cycle			Geometry		Statistics	Recovery Week	Geometry				Algebra		Assessment Cycle				Algebra		End of Year Activities
Year 10	CPD Days	Testing	Recovery Week	Statistics and Number				Assessment Cycle				Number and Shape				Recovery Week	Number and Shape				Assessment Cycle			Statistics and Geometry		Recovery Week	Algebra and Geometry				Assessment Cycle				Algebra and Geometry		Recovery Week	End of Year Activities		
Year 11	CPD Days	Testing	Geometry	Statistics	Assessment Cycle				Geometry				Recovery Week	Geometry	Algebra	Assessment Cycle				Algebra and Geometry		Algebra and Number		Recovery Week	Geometry	Number and Algebra		Assessment Cycle (External Exams)				External Exams								
Year 12	CPD Days	Testing	Algebra 1		Assessment and Review		Algebra 1		Polynomials and Binomial Theorem			Trigonometry		Differentiation and Integration			Assessment and Review	Differentiation and Integration		Exponentials and Logarithms				Algebra 2				Revision, Internal Exams, Review												
Year 12FM	CPD Days	Testing	Complex Numbers 1		Assessment and Review		Complex Numbers 1	Matrices 1		Algebra and Series		Vectors 1		Forces and Energy		Assessment and Review	Integration	Momentum		Curve Sketching 1				Ch9 Circular Motion		Complex Numbers 2		Revision, Internal Exams, Review				Series								
Year 13	CPD Days	Testing	Sequences		Assessment and Review		Trigonometric Identities		Differentiation 2				Internal Exams and Review		Differentiation 2		Integration and Differential Equations				External Exams																			
Year 13FM	CPD Days	Testing	Curve Sketching 2		Matrices 2		Matrices 2		Circular Motion 2		Integration 2				Internal Exams and Review		Centres of Mass and Stability		Differential Equations		Numerical Methods		Recovery Weeks		External Exams															
			Graphs and Networks 2		Critical Path Analysis 2		Assessment and Review		Critical Path Analysis 2		Linear Programming and Game Theory 2				Group Theory		Group Theory		Vectors 2				External Exams																	