



MATHEMATICS CURRICULUM OVERVIEW 2022/2023

Week	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	22	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38																												
Year/Term	Autumn 1							Autumn 2							Spring 1						Spring 2						Summer 1					Summer 2																																		
Year 7	Calculations			Geometry & measures				Time & Number Properties			Algebra 1				Sequences			Approximation			Plotting and sketching			Fractions			Transformations			Collecting and interpreting data			Decimals			Algebra 2			FDP			Probability					Area & Perimeter			Catch-up		Exams			Ratio			Displaying data			Activities Week		Gatsby			
Year 8	Number properties			Geometry and measures				Algebra 1				Approximation			Percentages			Sequences			Collecting and interpreting data			Algebra 2						Plotting and sketching			Fractions			Transformations			Ratio			Probability					Area, Volume and Pythagoras				Exams			Constructions and loci			Displaying data			Activities Week		Gatsby				
Year 9	Sequences			Averages and time series				Estimation			Area and Volume				Transformations			Graph drawing			Percentages			Catch-up			Construction & Loci			Algebra & Index Laws			Fractions			Probability			Solving Equations & Inequalities			Trigonometry			Simultaneous equations			Exams					Number			Algebra 1			Percentages & Ratio		Activities Week			Percentages		

Year 10	Algebra 1	Fractions	Geometry and measures	FDP & Ratio	Sequences & Graphs	Probability	Area & perimeter	Data & graphs	Constructions	Number Properties	Exams	Algebra 2	Fractions	Activities Week	Fractions
	Number	Geometry & measures	Algebra 1	Number properties 2	Algebra 2 & graphs		Probability	Transformations	Area & Trigonometry	Exams	Vectors	Displaying Data	Sequences	Activities Week	Algebra 3
Year 11	Geometry & Measures		FDP	Algebra & Graphs inc. Simultaneous Equations	Mocks	Algebra & Graphs inc. Simultaneous Equations	Probability	Area & Volume	Displaying Data	Constructions & Trigonometry	Revision & Exams				
	Algebra 3 & Simultaneous Equations	Area & Volume		Interpreting Data	Mocks	Interpreting Data	Equations & Inequalities	Construction & Graph Transformations	Trigonometry	Revision & Exams					

Year 12	Algebraic Expressions	Equations & Inequalities	Trigonometric Ratios	Algebraic Methods	Binomial Expansion	Vectors	Exponentials & Logs	Data	Measures of Location	Representing Data	Correlation	Probability	Statistical Distributions	Hypothesis Testing	Radians	Exams	Parametric Equations	Activities Week	Trigonometry & Modelling
	Quadratics	Graphs & Transformations	Straight Lines	Circles	Trigonometric Identities & Equations	Differentiation	Integration	Modelling Mechanics	Constant Acceleration	Forces and Motion	Variable acceleration	Trigonometric functions	Exams	Trigonometry & Modelling	Activities Week				

Year 13	Differentiation	Revision and Exam		Further kinematics	Revision and Exam			Revision and Exam																														
		Integration	Binomial Expansion		Normal Distribution	Exams	Exams	Normal Distribution	Conditional probability	Further kinematics	Applications of Forces	Series	Series																									
														Numerical Methods	Vectors	Moments	Forces & Friction	Projectiles	Applications of Forces	Exams	Exams	Normal Distribution	Conditional probability	Further kinematics	Applications of Forces	Series	Series											
		Regression & Correlation	Conditional Probability		Mocks	Mocks	Normal Distribution	Exams	Exams	Normal Distribution	Conditional probability	Further kinematics	Applications of Forces															Series	Series									
Trigonometry & Modelling	Algebraic Methods			Functions & Graphs										Sequences & Series	Further kinematics	Applications of Forces	Normal Distribution	Conditional probability	Regression & Correlation	Projectiles	Applications of Forces	Series	Series															
		Year 12 Further Maths	Algebraic Expressions		Quadratics	Trigonometric Ratios	Equations & Inequalities	Algebraic Methods	Binomial Expansion	Vectors	Data	Measures of Location	Exponentials & Logs											Differential Equations	Integration	Constant Acceleration	Modelling Mechanics	Forces and Motion	Variable acceleration	Hypothesis Testing	Statistical Distributions	Probability	Correlation	Representing	Trigonometric Functions and graphs	Sequences and series	Mocks	Projectiles
Year 13 Further Maths	Roots of polynomials			Discrete Random Variables										Volumes of revolution	Hypotheses testing	Chi Squared test	Momentum & Impulse	Linear transformations	Matrices	Proof by Induction	Vectors	Complex numbers	Series															