

# Year 13, Mathematics, 2021/2022



Half Term 1: 6th September - 22nd October (7 weeks).							Holiday	Half Term 2			
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9		
	Algebraic methods		Functions and graphs		Sequences and series				Sequences and series	Binomial expansion	
	Radians		Trigonometric functions		Trigonometry and modelling			Regression, correlation and hypothesis testing			
Half Term 2: 1st November - 17th December (7 weeks).					Holiday	Holiday	Half Term 3: 3rd January - 18th February (7 weeks).				
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17		
Binomial expansion	Y13 Trial exams		Differentiation					Differentiation	Integration		
Conditional probability			Test feedback and CTG	Conditional probability		The Normal distribution					
Half Term 3: 3rd January - 18th February (7 weeks).				Holiday	Half Term 4: 28th February - 8th April (6 weeks).						
Week 18	Week 19	Week 20	Week 21		Week 22	Week 23	Week 24	Week 25	Week 26		
Integration		Parametric equations				Numerical methods	Revision	Y13 Trial exams			
Vectors		Moments			Forces and friction	Projectiles					
Half Term 5: 25th April - 27th May (5 weeks).							Holiday				
Week 27	Holiday		Holiday		Week 28	Week 29		Week 30	Week 31	Week 32	Week 33
Test feedback					CTG and revision						
Projectiles					Applications of forces		Further Kinematics				

# Year 12, Mathematics, 2021/2022



Half Term 1: 6th September - 22nd October (7 weeks).							Holiday	Half Term 2			
Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7		Week 8	Week 9		
Algebraic expressions			Quadratics		Equations and inequalities	Careers week		Equations and inequalities			
Data collection and the large data set			Measures of location and spread		Representations of data		Representations of data	Correlation			
Half Term 2: 1st November - 17th December (7 weeks).					Holiday	Holiday	Half Term 3: 3rd January - 18th February (7 weeks).				
Week 10	Week 11	Week 12	Week 13	Week 14			Week 15	Week 16	Week 17		
Graphs and transformation			Straight line graphs				Straight line graphs	Circles			
Algebraic methods			The binomial expansion		The binomial expansion			Trigonometric ratios			
Half Term 3: 3rd January - 18th February (7 weeks).				Holiday	Half Term 4: 28th February - 8th April (6 weeks).						
Week 18	Week 19	Week 20	Week 21		Week 22	Week 23	Week 24	Week 25	Week 26		
Circles	Vectors				Y12 Trial exams		Modelling in mechanics	Constant acceleration			
Trigonometric identities and equations				Differentiation							
Half Term 5: 25th April - 27th May (5 weeks).							Holiday				
Week 27	Holiday		Holiday		Week 28	Week 29		Week 30	Week 31	Week 32	Week 33
Constant acceleration	Forces and motion		Variable acceleration		Integration			Probability	Statistical distributions	Exponentials and logarithms	
Differentiation									Statistical distributions		