

Year 13 Revision Schedule: Maths

Key:

Pure AS

Applied (Stats/Mechanics) AS

Pure A level

Applied (Stats/Mechanics) AS

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
w/b 1st January				Algebraic expressions	The factor theorem and algebraic division	Completing the square	Simultaneous equations
w/b 8th January	Quadratic inequalities	The discriminant	Break	The equation of a line	The equation of a circle	Exam questions	Exponentials and logarithms
w/b 15th January	Proofs (Both AS and A level)	Differentiation (including from first principles)	Break	The chain rule The product rule The quotient rule	Trigonometric differentiation	Exam questions	Implicit differentiation
w/b 22nd January	Sketching and transforming curves	Solving trigonometric equations	Break	Sine rule, cosine rule, area of any triangle	Radians and small angle approximations	Exam questions	Sec, Cosec and cot

w/b 29th January	Trigonometric identities	Addition and double angle formulae	Break	R formulae	Sampling; Histograms and box plots	Exam questions	Interpolation and standard deviation
w/b 5th February	Discrete random variables and Binomial hypothesis testing	Correlation and regression (AS) Correlation hypothesis testing (A level)	Break	Probability (Both AS and A level)	SUVAT	Exam questions	Variable acceleration
w/b 12th February	Exam questions/Half term interventions	Exam questions/Half term interventions	Exam questions/Half term interventions	Exam questions/Half term interventions	Exam questions/half term interventions	Exam questions/half term interventions	Exam questions/half term interventions
w/b 19th February	Mock exams	Mock exams	Mock exams	Mock exams	Mock exams	2D Vectors	Forces as vectors
w/b 26th February	Connected particles	Pulleys	Break	3D Vectors	Resolving forces	Exam questions	Connected particles
w/b 4th March	Kinematics with Vectors	Kinematics with Calculus	Break	Projectiles	Functions	Exam questions	Modulus
w/b 11th March	Transforming graphs	Transforming graphs	Break	Partial fractions	Parametric equations	Exam questions	The binomial expansion

