



# KEVI CAMP HILL SCHOOL FOR GIRLS

## MATHEMATICS CURRICULUM MAP (YEARS 12 & 13)



		AUTUMN TERM	SPRING TERM	SUMMER TERM
<b>KEY STAGE 5</b>	<b>YEAR 12</b>	Algebraic expressions Quadratics Equations and inequalities Graphs and transformations Straight-line graphs Circles Algebraic methods Statistical distributions Hypothesis testing Data collection Measures of location and spread	The binomial expansion Trigonometric ratios Trigonometric identities and equations Differentiation Representations of data Correlation Probability Modelling in mechanics Constant acceleration	Integration Exponentials and logarithms Forces and motion Variable acceleration Algebraic methods (2)
	<b>YEAR 13</b>	Functions and graphs Radians Trigonometric functions Trigonometry and modelling Differentiation (1) Forces and friction Moments Projectiles	Parametric equations Differentiation (2) Binomial expansion Integration Numerical methods Sequences and series Application of forces Regression, correlation and hypothesis testing Conditional probability The normal distribution	Vectors Further kinematics Revision and exam preparation Final exams