



Long Term Plan

Year 12 AS level

Subject: Mathematics

AUTUMN TERM 1 Teacher A	AUTUMN TERM 1 Teacher B
Pure - Surds & Indices Pure - Inequalities Pure - Binomial Expansion Applied - Probability	Pure - Quadratic & Simultaneous Equations Pure- Algebraic manipulation & Factor Theorem Pure - Curve Sketching & Transformations Applied- Modelling & Kinematics
AUTUMN TERM 2 Teacher A	AUTUMN TERM 2 Teacher B
Applied- Measures of location and spread Applied- Statistical Distributions Applied - Statistical Hypothesis Testing	Pure - Trigonometry Applied - Kinematics, constant acceleration
SPRING TERM 1 Teacher A	SPRING TERM 1 Teacher B
Pure - Coordinate Geometry Pure - Differentiation	Applied - Forces Pure - Exponentials and Logs
SPRING TERM 2 Teacher A	SPRING TERM 2 Teacher B
Pure - Differentiation Pure - Integration	Applied- Vectors Applied - Variable acceleration



SUMMER TERM 1 Teacher A	SUMMER TERM 1 Teacher B
Applied - Statistical sampling Applied - Data representation, Large data set Applied - Regression	Pure - proof
SUMMER TERM 2 Teacher A	SUMMER TERM 2 Teacher B
Y12 Review Y13 Pure Functions	Y12 Review Y13 Pure Radians & Trigonometry



Year 11 Higher:

Subject: Mathematics

<u>AUTUMN TERM 1</u>	<u>AUTUMN TERM 2</u>
H16/29 Probability H22 Surds & Indices H15 Proportion H14 Further trigonometry	H27 Quadratics H21 Functions H17 Similar shapes H23 Algebraic proof
<u>SPRING TERM 1</u>	<u>SPRING TERM 2</u>
H19 Pre calculus H18 Coordinate geometry H26 Sampling & histogram H25 Circle theorems & proof	H24 Graphs and transformations H20 Vectors F29 Constructions & loci
<u>SUMMER TERM 1</u>	<u>SUMMER TERM 2</u>
Revision	