



A LEVEL – YEAR 12 – FURTHER MATHS – CURRICULUM OVERVIEW

Autumn Term		Spring Term		Summer Term	
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Key Themes	Key Themes	Key Themes	Key Themes	Key Themes	Key Themes
Algebraic Basic Skills – GCSE Grade 9 skill acquisition and review Coordinate Geometry Trigonometry – GCSE review, basic Identities and Radian introduction Differentiation and Integration introductions	Factor and Remainder Theorems and working with fractions in algebra GCSE Review Probability review and extension to Alevel Kinematics Data Review of GCSE Normal Distribution Forces Projectiles	Exponentials and Log Laws EXAMS come early which is a shame but envelop this term Binomial Theorems Use of Functions graphically and algebraically including Modulus	Remaining Trigonometry skills Remaining Calculus skills Parametric Functions Vectors Numerical Methods	Regression with a logs review Moments Exams in May cause this term to lose momentum at present	Binomial Distribution with a review of the Normal and approximating to the Normal Projectiles Series Proof
Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks	Assessment / Composite Tasks
Each topic has an online Dr Frost Review of previous skills which will be required to access the unit set as the topic begins. Each Topic above has a common test Any students who get below 70% use after school intervention and resit a fresh unit test to check progress has occurred					