

KS5 Curriculum Overview: **Core Maths** (Level 3 Mathematical Studies – Statistical Techniques option)



	Autumn Term	Spring Term	Summer Term
Year 12	Curriculum and Skills: Personal Finance: Income Tax, NI, Loans, APR Percentage calculations Fermi Estimation Speed/Distance/ Time problems	Curriculum and Skills: Personal Finance: Savings, AER Graphical Representation of data Critical Media Analysis Normal distribution Modelling cycle	Curriculum and Skills: Personal Finance: Mortgages, HP, Car finance, Driving Using a spreadsheet to analyse data Critical Media Analysis including use of pre-release materials for summer exam
	Assessment: Skills check (First week after half-term)	Assessment: Year 12 Mocks (January)	Assessment: Year 12 End of Year Exams
Year 13	Curriculum and Skills: Personal Finance: Weighted mean, inflation, exchange rates Sampling Normal Distribution Confidence Intervals	Curriculum and Skills: Personal Finance: Budgeting Graphical and Numerical representations for data Bivariate data: regression lines Analysis of pre-release material for mock	Curriculum and Skills: Analysis of pre-release material for exam Revision of all topics
	Assessment: Skills Check (First week after half-term)	Assessment: Year 13 Mocks (March)	Assessment: AQA Level 3 Mathematical Studies formal exams