Key Stage 5 – CORE MATHS
Curriculum Map for Students

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Topic Overview	**Unit 1 – Analysis of data** **Unit 2- Personal finance**	**Unit 3- Modelling and Estimation**	**Unit 4- Normal Distribution** **Unit 5- Correlation and Regression**	**Unit 6- Critical Analysis** **Also - Working on Preliminary Materials**	**Revision**
Focus	Unit 1 – Collecting, analysing and interpreting data. Use of statistical diagrams such as stem and leaf diagrams, cumulative frequency graphs, box and whisker plots and histograms. Use of these methods to help solve problems and draw conclusions. Unit 2 – How to make the most of your income and how things such as taxation, interest on investments, the cost of credit and effect on inflation affect this.	Finish Unit 1 and Unit 2, Unit 3 – Learning how to answer wide ranging, real life questions. This will be done with a range of mathematical models and data as well as making simplifications and Fermi estimations.	Unit 4- Learn how to use the normal distribution to find the likelihood of events in a range of applications. Unit 5 – How to find and measure the strength of relationships between variables. These methods will help you to make predictions and assess how reliable these predictions are likely to be.	Unit 6 – Studying how to analyse and judge the merits of a persons conclusions as well as looking at the way these conclusions have been justified. Using the preliminary material released by the exam board in Spring, students will practice questions designed specifically for the information given.	In depth revision on all topics covered in units 1-6. Regular testing will target areas of revision.
Assessment		*Test on Unit 1 and Unit 2 midway through the term once content is complete.*	*Test at the end of the spring term – Normal Distribution and Correlation and Regression.*	*Full Mock Exam*	*End of year exam.*