SUBJECT: Level 3 Mathematical Studies (Core Maths)

EXAM BOARD: AQA

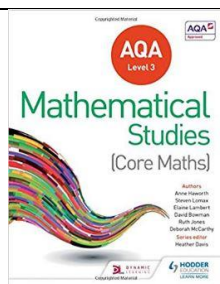|	
Course Overview (Y12)	**Paper 1** Analysis of data (sampling, calculating averages), Maths for personal finance (e.g. student loans, mortgages, interest rates and APR, income tax and National Insurance), Estimation and critical analysis of given data. **Paper 2** Critical analysis of given data and models, The Normal Distribution, Probabilities and estimation, Correlation and regression.
Useful websites	www.aqa.org.uk - specification, specimen papers. http://www.mathcentre.ac.uk/ - support materials, free of charge. There are a variety of resources - self study guides; test yourself diagnostics and exercises; video tutorials; iPod and 3G mobile phone downloads; and case studies. Resources are available on-line, and may be printed or downloaded. http://plus.maths.org/content/ - *Plus* is an internet magazine written by the Millenium Mathematics Project which aims to introduce readers to the beauty and the practical applications of mathematics.
Optional text book and reading list	 Mathematical Studies for AQA Level 3 (Core Maths) **Authors:** Heather Davis, Andrew Manning, Dave Gale, Steve Lomax, Marc North, Anne Haworth, Ruth Jones, David Bowman, Elaine Lambert **Publisher:** Hodder Education **ISBN-13:** 978-1471863752 You will also require a Casio scientific or FX-991EX ClassWiz calculator.