Core Mathematics

Subject Title	Level 3 Mathematical Studies
Exam board	AQA
Specification code	1350
Entry Level	Level 4 at GCSE
Exam details	2 Papers in total Paper 1 – compulsory content Paper 2 – optional content Duration: 1 hr 30 min each paper
Setting arrangements	n/a
Time allowed	4 lessons per fortnight in Yr 12 4 lessons per fortnight in Yr 13.
Textbooks and revision guides	**Textbook – Collins** **AQA Level 3 Mathematical Studies** ISBN: 9780008113827
Homework information	40-60 minutes per week Consolidation exercises and revision material.
Links to websites and revision materials:	mathedup! - for your maths teaching and learning needs AQA specification

Term	Topics	Skills	Assessment
Yr 12 1	Personal finance Analysis of data	- Percentages - Introduction to spreadsheets - Interest rates - Types of data	Chapter test.
2	Personal finance Analysis of data Estimation	- Numerical calculations - Representing data numerically - Representing diagrammatically - Fermi estimation	Chapter test.
3	Analysing data Optional topic 1	- Equation of a straight line - Collecting and sampling data - Statistical techniques – the Normal Distibution	Year 12 examination.
4	Personal finance	- Solution to financial problems - Perimeter and area	Chapter test.
5	Critical analysis	Critical path Risk analysis	Chapter test.
6	Recap of the year		Practice papers.

Term	Topics	Skills	Assessment
Yr 13 1	Personal finance Analysis of data	• Representing data numerically • Representing data diagrammatically • Graphical representations	Chapter test.
2	Personal finance Optional topic 2	• Graphical representation • Probabilities and estimation	Chapter test.
3	Personal finance Analysis of data	• Repayments and credit • Taxation, including VAT	Mock examination for Yr 13.
4	Optional topic 3 Personal finance	• Critical path • Rates of change	Chapter test.
5	Critical analysis	• Activity networks • Gantt charts	Chapter test.
6	Final exam		