

Subject: Core Maths (Level 3)

Head of Dept/Faculty: Mrs L Chapman

| Qualification: | Exam Board: | Exam/NEA Split: |
|--|--|-----------------|
| Level 3 Core Maths | AQA | 100% Exam |
| Paper 1 Calculator Allowed | Paper 2A – Calculator allowed | |
| Compulsory Core Content | Statistical Techniques | |
| Analysis of Data | Critical analysis of given data and models | |
| Maths for Personal finance | The normal distribution | |
| Estimation | Probabilities and estimation | |
| | Correlation and regression | |
| 60 Marks | 60 marks | |
| 1 hour and 30 minutes | 1 hour and 30 minutes | |
| 50% of total Level 3 award | 50% of total level 3 award | |
| <p>Summary:</p> <p>Core Mathematics builds upon knowledge, skills and understanding established in GCSE maths. The course focuses on using and applying mathematics to address problems based in study, work and life. It includes content such as statistics and financial maths that will not have previously been covered at GCSE.</p> <p>The course last for 1 year and is assessed at the end by two exam papers. Paper one is compulsory content but Paper 2 is chosen by the students. Historically this has been Paper 2A statistical techniques as it fits more with the GCSE course covered.</p> <p>Homework will be set weekly on www.hegartymaths.com</p> <p>Further information about the course can be found at</p> <p>https://www.aqa.org.uk/subjects/mathematics/aqa-certificate/mathematical-studies-1350</p> | | |

Subject: A Level Maths

Head of Dept/Faculty: Mrs L Chapman

| Qualification: | Exam Board: | Exam/NEA Split: |
|--|------------------------------|------------------------------|
| A Level Maths | AQA | 100% Exam |
| Paper 1 Calculator Allowed | Paper 2 – Calculator allowed | Paper 2 – Calculator allowed |
| Pure content | Pure and Mechanics | Pure and statistics |
| 100 Marks | 100 marks | 100 marks |
| 2 hours | 2 hours | 2 hours |
| 33.3% of total A Level | 33.3% of total A Level | 33.3% of total A Level |
| <p>Summary:</p> <p>Mathematics is a stimulating and challenging subject which is very highly regarded at Advanced Level. The Year 12 course which can lead to an AS qualification builds upon all GCSE work, in particularly algebra. Students will also study both Mechanics and Statistics. To obtain the full A Level qualification students will complete the Year 13 course, where the same topic areas as Year 12 are studied to a greater depth.</p> <p>The course last for 2 years and is assessed at the end by three exam papers. Paper one is pure mathematics content, paper 2 is split between pure and mechanics content and paper 3 is split between pure and statistics content.</p> <p>Homework will be set weekly via Teams and includes skill checks, exam questions and revision of topics.</p> <p>Further information about the course can be found at</p> <p>https://www.aqa.org.uk/subjects/mathematics/as-and-a-level/mathematics-7357</p> | | |