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| **Subject Title** | Mathematical Studies (known as Core Maths) | | | | | |
| **Course Code** | 1350 | **Exam board** | AQA | **Qualification**  (GCSE, A-Level, etc.) | | AS level |
| **Units covered satisfactorily** | **ALL** | | **Units NOT covered satisfactorily** | |  | |
| **Your final grade will be informed through an assessment of evidence from:**  *Final examination - 67%*  Half termly assessments:   * HT1 paper 2B: critical paths and risk analysis (60 marks) - 50% * HT2 Christmas mocks: paper 1 and 2 were both sat (60 marks each) - 100% * HT3 online assessment, past exam questions on data (35 marks) - 25%   In class quiz:   * Quiz 1: data analysis exam questions (27 marks) - 20% * Quiz 2: forms quiz on histograms, median, mean and standard deviation (10 marks) - 5% * Quiz 3: Calculating income tax, NI and student loan repayments (20 marks) - 12%   Recorded homework on Dr Frost - 5% | | | | | | |
| **Primary source (details of the exam / portfolio et)** | | | | | | |
| *Examination – 2 hours*  *As all content was covered by the pupils, the following topics were picked from best covered.* I have decided that pupils will sit a 2-hour calculator paper covering topics from the core content and the optional content (paper 2B: Critical paths and risk analysis).  Two-hour calculator paper, total of 80 marks.  **Core content from paper 1:**   * Data analysis: collecting data and sampling, representing data numerically and graphically; calculating median, quartiles, mean and standard deviation, drawing and interpreting cumulative frequency curves, box plots, stem & leaf diagrams and histograms * Finance: income tax, NI, student loan calculations, percentages (reverse %, simple and compound interest, percentage change) and exchange rates. * Fermi estimation * Critical analysis of given data and models   **Paper 2 content:**   * Representing projects using an activity network. * Drawing Gantts charts and Cascade diagrams. | | | | | | |
| **Secondary source (details of data from assessments and tests)** | | | | | | |
| Half termly assessments:   * HT1 paper 2B: critical paths and risk analysis (60 marks) * HT2 Christmas mocks: paper 1 and 2 were both sat (60 marks each) * HT3 online assessment, past exam questions on data; types of data, box plots, comparing statistics, fermi estimation, sampling methods, histograms, calculating mean and standard deviation, cumulative frequency curves (35 marks) | | | | | | |
| **Other relevant sources (any other assessments which may be relevant to the final grade)** | | | | | | |
| Recorded homework on Dr Frost.  In class quiz:   * Quiz 1: data analysis exam questions; types of data, stem & leaf diagrams, stratified sampling, cumulative frequency curves, box plots and comparing statistics (27 marks) * Quiz 2: forms quiz on histograms, median, mean and standard deviation (10 marks) * Quiz 3: Calculating income tax, NI and student loan repayments (20 marks) | | | | | | |