

**A-Level Overview Year 1: Maths**

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| Term | Teacher 1 | Teacher 2 | | Key Skills / Coursework / PSAs / Deadlines |
| 1 | Algebra and Coordinate Geometry Formal Assignments | Polynomials and Binomial expansion Formal Assignments | | Make class notes  Consolidate class learning with homework questions and reading text book  Attend drop in help sessions on Tuesday afternoons after school when appropriate |
| 2 | Differentiaton and Integration Formal Assignment | Algebra Formal Assignment  Trigonometry and Exponentials Formal Assignments | |
| 3 | Collecting, Representing and interpreting data Formal Assignment | | Vectors and Units/Kinematics Formal Assignment |
| 4 | Probability/Binomial and Hypothesis test Formal Assignment | | Forces and Newton’s laws Formal Assignment |
| 5 | Year 12 Exams | | |
| Proof and Algebra Formal Assignment | | Functions Formal Assignment |
| 6 | LARGE DATA SET work | | Numerical Methods Formal Assignment |



**A-Level Overview Year 2: Maths**

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| Term | Teacher 1 | Teacher 2 | | Key Skills / Coursework / PSAs / Deadlines |
| 1 | Binomial Theorem Formal Assignment  Differentiation Formal Assignment | Trigonometry Formal Assignment  Parametric Equations Formal Assignment | | Make class notes  Consolidate class learning with homework questions and reading text book  Attend drop in help sessions on Tuesday afternoons after school when appropriate |
| 2 | Integration Formal Assignment | Series and Sequences Formal Assignment  Vectors Formal Assignment | |
| 3 | Regression and Correlation Formal Assignment  Probability Formal Assignment | | Moments and Forces Formal Assignment  Application of kinematics and forces Formal Assignment |
| 4 | Normal Distribution Formal Assignment | | Further Kinematics Formal Assignment |
| 5 | Exam Preparation and Practice | | |
| 6 | A Level Exams | | |



**A-Level Overview Year 1: Maths (Further)**

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| Term | Teacher 1 | Teacher 2 | | Key Skills / Coursework / PSAs / Deadlines |
| 1 | Formal Assignments:  Algebra and Coordinate Geometry  Differentiaton and Integration | Formal Assignments:  Polynomials and Binomial expansion  Algebra  Trigonometry and Exponentials | | Make class notes  Consolidate class learning with homework questions and reading text book  Attend drop in help sessions on Tuesday afternoons after school when appropriate |
| 2 | Formal Assignments:  Collecting, Representing and interpreting data  Probability/Binomial and Hypothesis test | Formal Assignments:  Vectors and Units/Kinematics  Forces and Newton’s laws | |
| 3 | Formal Assignments:  Proof and Algebra  Binomial Theorem  Integration  Differentiation  LARGE DATA SET work | | Formal Assignments:  Numerical methods  Trigonometry  Parametric Equations  Sequences and Series  Vectors |
| 4 | Formal Assignments:  Regression and Correlation Probability  Normal Distribution | | Formal Assignments:  Moments and Forces  Application of kinematics and forces  Further Kinematics |
| 5 | Past Paper Practice | | |
| 6 | A Level Exams  Start Further Maths | | |