

**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 notesConsolidate 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 AssignmentTrigonometry 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 AssignmentDifferentiation Formal Assignment | Trigonometry Formal AssignmentParametric Equations Formal Assignment | Make class notesConsolidate 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 AssignmentVectors Formal Assignment  |
| 3 | Regression and Correlation Formal AssignmentProbability 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 GeometryDifferentiaton and Integration | Formal Assignments:Polynomials and Binomial expansionAlgebraTrigonometry and Exponentials | Make class notesConsolidate 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 dataProbability/Binomial and Hypothesis test | Formal Assignments:Vectors and Units/KinematicsForces and Newton’s laws  |
| 3 | Formal Assignments:Proof and AlgebraBinomial TheoremIntegrationDifferentiationLARGE DATA SET work | Formal Assignments:Numerical methodsTrigonometryParametric EquationsSequences and SeriesVectors |
| 4 | Formal Assignments:Regression and Correlation ProbabilityNormal Distribution | Formal Assignments:Moments and Forces Application of kinematics and forcesFurther Kinematics |
| 5 | Past Paper Practice |
| 6 | A Level ExamsStart Further Maths |