Year 11 Mocks

All students will sit two papers. The first paper will be a calculator paper and the second paper will be a non-calculator paper.

Paper 1 Foundation Tier (calculator)

- BIDMAS
- Congruent and similar shapes
- Ratio
- Equations
- Fractions
- Listing outcomes
- Percentage
- Function machines
- Prime factors, HCF and LCM
- Standard form
- Gradients
- Transformations
- Column Vectors
- Simultaneous equations
- Scattergraphs
- Tree Diagrams
- Surface area
- Factorising quadratics

Paper 2 Foundation (non calculator)

- Pictogram
- Indices and roots
- Fraction/ Decimal / Percentage
- Working with decimals
- Prime factors
- Angles
- Substitution into formula
- Percentage
- Rounding
- Graphs
- Expanding Brackets
- Solving equations
- Ratio
- Probability
- Pythagoras

Higher Paper 1 (calculator)

- Transformations
- Probability
- Standard form
- Scattergraphs
- Surface Area
- Indices
- Similarity
- HCF and LCM
- Factorising
- Velocity/ time graphs
- Composite functions
- Ratio
- Proportionality
- Inequalities
- Bounds
- Box plots
- Trigonometry
- Algebraic fractions

Higher Paper 2 (non - calculator)

- Percentage
- Inequalities
- Probability
- Angles
- Indices
- Ratio
- Area
- Recurring decimals
- Circle geometry
- Surds
- Factorising
- Completion of the square
- Trig graphs
- Pythagoras
- Graphs