

### **Paper 1 Topic List Non Calculator Higher Tier**

- Prime factors
- Solving equations
- Ratio
- Listing outcomes and probability
- Fractions
- HCF/LCM
- Parallel lines
- Percentage problems
- Surds
- Indices
- Repeated % change
- Trig graphs
- Completion of the square
- Area of a triangle using  $\frac{1}{2}$  absinc
- Histograms
- Grouped mean
- Showing inequalities on a graph

### **Paper 2 Topic List Calculator Paper Higher tier**

- Scattergraphs
- Solving inequalities and showing on a number line
- Significant figures and estimation
- Interior and exterior angles of polygons
- Density
- Column vectors
- Probability
- Proportionality
- Using a multiplier in percentage
- Composite functions
- Cones and prisms
- Circle theorems
- Sequences
- Recurring decimals
- Quadratic graphs
- Algebraic fractions