



Paper 2 Key Topics

AQA Higher

In this document you will find lists of topics to help you focus your revision for Paper 2. To do this I have carefully analysed the topics that appeared in your Paper 1 but also the trends from all previous exam papers.

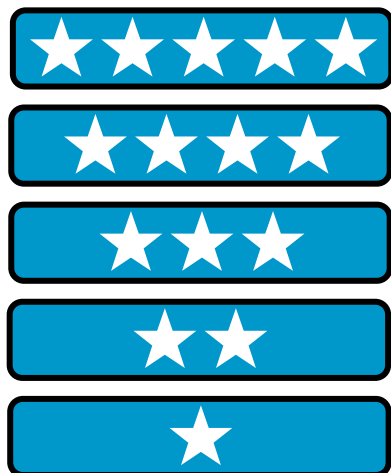
Each topic has been rated from 1 star to 5 stars. The more stars I have given it, the more likely I believe it could appear in Paper 2.

This does not guarantee the topics with more stars will appear or those with low stars will not but it may help you to prioritise topics for revision.

I will do this again after Paper 2 to help you focus revision for Paper 3. You should note that since there are still 2 papers left, many of the topics could appear on Paper 3 instead of, or as well, Paper 2.

Be sure to subscribe to my **YouTube** channel and check the website to not miss out on resources.

- 1st Class Maths



<< Most likely topics to appear

<< Least likely topics to appear



Types of number (Squares, primes, cubes, odd, even, triangular)	Functions	Direct/Inverse Proportion
Substitution	Algebraic Fractions	Speed, Distance, Time
SOHCAHTOA	Form and Solve Equations	



Bounds	Compound Interest (Repeated % change)	Transformations (not enlargement)
Product Rule for Counting	Share into ratio Application of Ratio	Use of probability
Sequences (nth term)	Volume of 3D Shapes	Averages (from tables)
Gradients, Intercepts, $y = mx + c$	Area of shapes	Histograms
% of amount Increase/Decrease by %	Pythagoras	Venn Diagrams (more likely with sets)



HCF/LCM	Fraction of Amount	Circle Theorems
Standard Form	Write as a %/Write as Frac	Sine Rule
Algebraic Proof	Direct Proportion	$1/2ab\sin C$
Quadratic Graphs	Reverse %	3D Trig/Pythagoras
Speed Time Graphs	Write as ratio	Similar Area/Volume
Factorising	Density, Mass, Volume	Probability of successive events
Expand/Simplify	Bearings	Box Plots
Change the Subject	Surface Area 3D shape	Vectors
Solve Quadratic Equation	Sectors (area/arc length)	Iteration



Product of Primes	Solve Linear Equation	Convert Units of area/volume
Linear Simultaneous Equations	Transformations of Graphs	Congruence
Use of calculator	Quadratic Formula	Angle Facts
Reciprocal	% Profit	Angles in Parallel Lines
Form Algebraic Equation/Inequality/Expression	Identities	Parts of a Circle
Simplify Algebraic Expressions	Pressure, Force, Area	Properties of Triangles/Quadrilaterals
Non Linear Simultaneous Equations	Population Density	Cumulative Frequency
Simultaneous Equations Graphically	General Iterative Processes	Perimeter
Distance Time Graphs	Imperial Unit Conversions	Geometric Proof)
Equation of tangent to circle	Metric Unit Conversions	Plans and Elevations
Quadratic Inequality	% Increase/Decrease	Similar Lengths
Draw Straight Line Graph	Relate Ratio for Fraction or Percentage	Angles in Polygons
Inequality Regions	Tree Diagrams	Scatter Diagrams
Midpoint of line or between coordinates	Two way tables	Use of scales on a map
Parallel And Perpendicular Lines	Frequency Trees	Quartiles
Time Series Chart	Interpret Pie Charts	Types of data (discrete, continuous)



Multiply/Divide Decimals	Complete the Square	Recurring Decimals
Fraction Operations	Inverse Proportion (in context)	Surds
Index Laws	Faces, edges, vertices	Expand Triple Brackets
Evaluate Indices/roots	Column Vectors	Linear Inequality
Error Intervals	Cosine Rule	Inequality Diagrams
Approximations	Constructions and Loci	Exact Trig Values