



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.

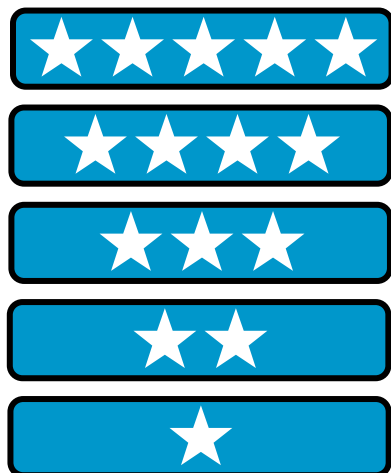
Each topic has been rated from 1 star to 5 stars. The more stars I have given it, the more likely I believe it could appear in Paper 2.

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. I will write more practice papers for each tier for Edexcel and AQA to help you revise. The dates for these are on the website.

- 1st Class Maths



<< Most likely topics to appear

<< Least likely topics to appear



SOHCAHTOA	Algebraic Fractions
Speed, Distance, Time	% of amount/Increase/Decrease by %
Direct/Inverse Proportion	Share into ratio/Application of Ratio
Functions	Form and Solve Equation
Gradients, Intercepts, $y = mx + c$	Types of number (squares numbers, prime numbers, triangular numbers, cube numbers etc)
Volume of 3D Shape	



Sine Rule	Histograms	Substitution
Cosine Rule	Venn Diagrams (possibly algebraic)	Pythagoras
Bounds	Sequences (Linear/Quadratic most likely)	Averages From Tables
Product Rule for Counting	Compound Interest	Transformations (most likely rotation/reflection)
Expand/Simplify	Types of Graphs (Cubic, Reciprocal, Exponential)	Use of probability to estimate/work out exact amount



Vectors	Algebraic Proof	Angles in Parallel Lines	Rectilinear Area
Circle Theorems	Speed Time Graphs	Angles in Polygons	Density, Mass, Volume
$\frac{1}{2}ab\sin C$	Estimate gradient at a point using tangent	Constructions and Loci	Quadratic Graphs
3D Trig/Pythagoras	Complete the Square	Standard Form	Direct Proportion
Similarity	Transformations of Graphs	Find Probability (including AND OR rules)	HCF/LCM
Probability of Successive Events	Iteration	Relative Frequency	Reverse %
Box Plots	Write as ratio [includes n:1]	Basic Angle Facts e.g. angles in triangle	Factorising
Cumulative Frequency	Column Vectors	Tree Diagram	Bearings and Compass Directions



Error Intervals	Types of data (discrete, continuous)	Quadratic Inequalities
Circles and Sectors	Pie Charts	Problems with multiple ratios
Product of Primes	Quadratic Formula	General Iterative Processes
Index Laws	Quartiles	% Profit
Use of calculator	Reciprocal	Inverse Proportion (in context)
Money problem (Deposits, change given, total cost etc)	Sim Equations Graphically	Pressure, Force, Area
Form Algebraic Equation/Inequality/Expression	Non Linear Simultaneous Equations	Population Density
Distance Time Graphs	Expand Triple Brackets	Parts of a Circle
Solve Quadratic Equation (Not formula)	Imperial Unit Conversions	Properties of Triangles/Quadrilaterals
Relate Ratio for Fraction or Percentage	Equation of tangent to circle	Volume Problem solve
Surface Area 3D shapes	Draw Straight Line Graph	Geometric Proof
Perimeter	Midpoint of line or between coordinates	Use of scales on a map
Scatter Diagrams	Parallel And Perpendicular Lines	Convert Units of area/volume
Plans and Elevations		Congruence
Two way tables	Coordinates problem solving	Faces, edges, vertices
Frequency Trees	Inequality Regions	Sampling



Fraction Operations	% Increase/Decrease (find the %)	Recurring Decimals to Fractions
Evaluate Indices/roots	Multiply/Divide Decimals	Surds
Linear Simultaneous Equations	Change the Subject	Inequality Diagrams - Number line
Solve Linear Equation	Linear Inequalities	Metric Unit Conversions
Identities	Approximations	Exact Trig

