

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.

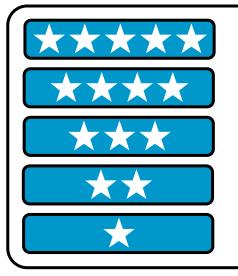
Each topic has been rated from 1 star to 5 stars. The more stars I have given it, the more likely I believe it could appear in Paper 2.

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 as, 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

< Most likely topics to appear

<< Least likely topics to appear



Sequences	Formal Direct/Inverse Proportion
Gradients, Intercepts, y = mx + c	Speed, Distance, Time
Functions	Volume of 3D
% of amount/Increase/Decrease by %	SOHCAHTOA



Types of number (Squares, primes, cubes, odd, even, triangular)	Form and Solve Equation	Transformations (more likely reflection/enlargement)
Bounds	Pythagoras	Use of probability to estimate/work out exact amount
Substitution	Compound Interest (Repeated % change)	Averages (and range) from tables
Types of Graphs (not exponential so maybe trig, circle, reciprocal, cubic)	Share into ratio/Application of Ratio	Histograms
Venn Diagrams (not sets, just frequencies)		



HCF/LCM (could be algebraic)	Expand/Simplify	Area of shapes
Surface Area of 3D shapes	Change the Subject	Circles and Sectors
Error Intervals	Parallel And Perpendicular Lines	Vectors
Standard Form	Solve Quadratic Equation	Circle Theorems
Product Rule for Counting	Iteration (equations)	Sine Rule/Cosine Rule
Simplify Algebraic Expressions	Fraction of Amount	Angles in Parallel Lines
Box Plots	Write as a %/Write as Fraction	1/2absinC
Quadratic Graphs	Direct Proportion e.g. best buys	3D Trig/Pythagoras
Algebraic Fractions	Reverse %	Similar Area/Volume
Speed Time Graphs	Write as ratio [includes n:1]	Constructions and Loci
Factorise (including quadratics)	Bearings and Compass Directions	Probability/Relative Frequency



Multiply/Divide Decimals	Fractions, decimals, percentages	Faces, edges, vertices
Order Numbers	% Profit	Angle Facts e.g. angles in triangle
Estimation	% Increase/Decrease	Parts of a Circle
Product of Prime Factors	Inverse Proportion (context)	Properties of Triangles/Quadrilaterals
Evaluate Indices/roots	Pressure, Force, Area	Volume Problem solving
Recurring Decimals	Relate Ratio for Fraction or Percentage	Perimeter
Use of calculator	Population Density	Column Vectors
Reciprocals	General Iterative Processes	Geometric Proof
Money problem	Imperial Unit Conversions	Plans and Elevations
Identities	Metric Unit Conversions	Similar Lengths
Algebraic Proof	Use of scales (could be on map)	Angles in Polygons
Non Linear Simultaneous Equation	Convert Units of area/volume	Scatter Diagrams
Simultaneous Equations Graphically	Congruence	Quadratic Formula
Expand Triple Brackets	Draw Straight Line Graph	Two way tables
	Midpoint of line	Cumulative Frequency
Distance Time Graphs	Quadratic Inequality	Interpret Pie Chart
Equation of tangent to circle	Solve Linear Equation	Types of data (discrete, continuous)
Inequality Regions	Inequality Diagram (number lines)	Sampling
Inequality (List values)	Transformations of Graphs	

Fraction Operations	Linear Inequality	Exact Trig
Index Laws	Coordinates problem solve	Tree Diagram
Surds	Density, Mass, Volume	Frequency Trees
Linear Simultaneous Equations	Complete the Square	Quartiles

