



Paper 2 Key Topics

Edexcel 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



Standard Form	Circle (area/circumference) and Sectors (Area/Arc Length)
Algebraic Fractions	SOHCAHTOA
Sequences	Pythagoras
Share into ratio/Application of Ratio	Transformations



Index Laws	Compound Interest (Repeated % change)	Probability (Tree Diagram)
Error Intervals	Area of rectangle, triangle, parallelogram, trapezium	Product Rule for Counting
Bounds	$1/2ab\sin C$	Histograms



Use of calculator + round answer	Quadratic Graphs	Direct/Inverse Proportion
HCF/LCM	Averages (and range)	Speed, Distance, Time
Expand/Simplify	Speed Time Graph (Acceleration, Area Under, Interpret)	Density, Mass, Volume
Factorise	Parallel/Perpendicular Lines	General Iterative Processes
Change the Subject	Transformations of Graphs	Surface Area 3D shape
Quadratic Inequality	Multiple Ratio Problem Solve	Volume of 3D Shape
Form and Solve Equation	% of amount Increase/Decrease by %	Similar Lengths
Iteration	Reverse %	Cosine Rule
Linear Simultaneous Equations	Direct Proportion e.g. recipes, best buys	3D Trig/Pythagoras
Venn Diagrams	Inverse Proportion (context)	Geometric Proof



Order Numbers	Complete the Square (incl turning point)	% Profit or %change
Reciprocal	Draw Straight Line Graph	Write as a %/Write as Frac
Scatter Diagrams	Distance Time Graph	Algebraic Proof
Product of Primes	Draw Line onto to graph to solve equation	Perimeter
Recurring Decimals to Fractions	Coordinates problem solve	Volume Problem solve
Surds	Midpoint of line	Similar Area/Volume
Simplify Algebraic Expression	Gradient, intercepts, Find or use $y = mx + c$	Bearings
Substitution	Estimate gradient at a point using tangent	Angles in Parallel Lines
Inequality (List values)	Functions	Circle Theorems
Linear Inequality	Write as ratio	Identify Congruent Triangles
Inequality Diagram	Relate Ratio to Fraction	Plans and Elevations
Inequality Regions	Currency/Unit Conversions	Constructions
Solve Linear	Convert Units of area/volume	Column Vectors
Solve Quadratic	Use of scales on a map	Two way tables
Quadratic Formula	Fraction of Amount	Cumulative Frequency
Non Linear Simultaneous Equation	Quartiles	Pie Charts
Sim Equations Graphically	Frequency Polygon	Capture, re-capture



Multiply/Divide Decimals	Pressure, Force, Area	Sine Rule
Fraction Operations	Angle Facts	Exact Trig
Estimation	Angles in Polygons	Vectors
Expand Triple Brackets	Equation of tangent to circle	Box Plots