



# 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. 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.

- 1<sup>st</sup> Class Maths



<< Most likely topics to appear



<< Least likely topics to appear



Standard Form	Probability (Tree Diagram or Successive Events)
Speed, Distance, Time	Algebraic Fractions
SOHCAHTOA	Pythagoras



Share into ratio/Application of Ratio	Compound Interest (Repeated % change)	Bounds
Rectilinear areas (rectangle, triangle, parallelogram, trapezium)	Sequences (more likely quadratic, geometric)	Product Rule for Counting
Index Laws (most likely algebraic)	Transformations (Reflection/Enlargement/Invariance)	$1/2absinC$
Error Intervals	Circle Theorems	



Averages from Tables	Scatter Diagrams	Quadratic Inequalities
Quadratic Graphs	Use of calculator + round answer	Solve Quadratic Equations
Similar Area/Volumes	Factorising	Iteration
HCF/LCM	Change Subject (subject once)	Distance Time Graphs
Expand/Simplify	Circles (area/circumference)	Speed Time Graphs
Form and Solve Equations	Form Algebraic Equation/Inequality From Context	Parallel/Perpendicular Lines
Multiple Ratio Problem Solving	Inverse Proportion (in context)	Functions
% Profit or %change	Density, Mass, Volume	Transformations of Graphs
% of amount/Increase/Decrease by %	Surface Area 3D shapes	Direct/Inverse Proportion
Angles in Polygons	Volume of 3D Shapes	General Iterative Processes
Sine Rule	Frequency Polygons	Cumulative Frequency
Cosine Rule	Vectors	Box Plots
3D Trig/Pythagoras	Geometric Proof	



Types of Graphs	Bearings	Midpoint of line
Reciprocals	Angles in Parallel Lines	Estimate gradient at a point using tangent
Prime Factorisation	Plans and Elevations	Equation of tangent to circle
Substitution	Constructions	Relate Ratio to Fraction
Linear Inequalities	Column Vectors	Use of scales on a map
Inequality Diagrams	Order Numbers	Volume Problem solving
Solve Linear Equations	Money problems	Identify Congruent Triangles
Simultaneous Equations Graphically	Simplify Algebraic Terms	Two way tables
Draw Straight Line Graphs	List values for an inequality	Quartiles
Coordinates problem solving	Inequality Regions	Pie Charts
Write as ratio	Quadratic Formula	Capture, re-capture
Currency/Unit Conversions	Algebraic Proof	Criticise Chart
Convert Units of area/volume	Complete the Square	Perimeter
Pressure, Force, Area	Angle Facts	



Multiply/Divide Decimals	Venn Diagrams	Histograms
Fraction Operations	Surds	Estimation
Fraction of Amount	Linear Simultaneous Equations	Recurring Decimals to Fractions
Write as a %	Gradient, intercepts, Find or use $y = mx + c$	Expand Triple Brackets
Similar Lengths	Area problem solving	Non Linear Simultaneous Equations
Exact Trig	Write as Fraction	Reverse %

