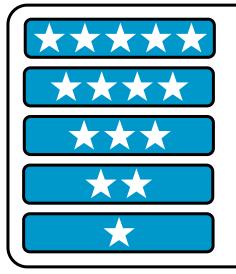# Paper 2 Key Topics

1st

Edexcel Higher

In this document you will find lists of topics and how important I think they are for you preparing for Paper 2. I have looked carefully at Paper 1 and all of the past papers to analyse how often topics appear.

Each topic has been rated from 1 star to 5 stars. Topics that are more likely based on past paper trends and what was already in Paper 1 are given more stars. 5 stars are the most likely to appear and 1 star topics are the least likely to appear. **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.

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

Be sure to subscribe to my **YouTube** channel and check the website to not miss out on resources. I will write many more practice papers for each tier for Edexcel and AQA to help you practice. The dates for these are on the website.

- 1st Class Maths

★★★★★   << Most likely topics to appear

★★★★

★★★

★★

★   << Least likely topics to appear

Standard Form	Sequences
Rectlinear areas (rectangle, triangle, parallelogram, trapezium)	Circles and Sectors
Speed, Distance, Time	Pythagoras
SOHCAHTOA	Transformations
Probability (Relative Frequency and Tables)	Algebraic Fractions

Share into ratio/Application of Ratio	Probability (Successive Events)
Error Intervals	Bounds
Compound Interest (Repeated % change)	Using 1/2absin(C) to find area of a triangle
Types of Graphs	Histograms

Index Laws	Linear Simultaneous Equations	General Iterative Processes
Quadratic Graphs	Gradient, intercepts, y = mx + c	Similar Area/Volume
Recipes	Density, Mass, Volume	Sine Rule
Best Buys	Vectors	Cosine Rule
HCF/LCM	Expand Triple Brackets	Circle Theorems
Multiple Ratio Problem Solve	Solve Quadratic Equation	Geometric Proof
Increase/Decrease by %	Speed Time Graphs	Cumulative Frequency
Averages (and range)	Transformations of Graphs	Box Plots
Use of calculator	Direct/Inverse Proportion Graphs/Tables	Area problem solving

Write as ratio	Surface Area 3D shape	Iteration
Product of Prime Factors	Volume of 3D Shape	Algebraic Proof
Substitution	Similar Lengths	Complete the Square
Expand/Simplify Brackets	Basic Angle Facts	Distance Time Graph
Factorise	Angles in Parallel Lines	Draw Line onto to graph to solve equation
Change the Subject	Plans and Elevations	Midpoint of line
Solve Linear Inequality	Vectors (Column)	Parallel/Perpendicular Lines
Inequality Diagram	Criticise Chart	Estimate gradient at a point using tangent
Solve Linear Equation	Order Numbers	Equation of tangent to circle
Form and Solve Equation	Reciprocals	Functions
Form Algebraic Equation/Inequality From Context	Money problems	Relate Ratio to Fraction
Draw Straight Line Graph	Estimation	Inverse Proportion (context)
Coordinates problem solve	Recurring Decimals to Fractions	Bearings
Currency/Unit Conversions	Product Rule for Counting	Identify Congruent Triangles
Convert Units of area/volume	Simplify Algebraic Terms	Constructions and Loci
Use of scales on a map	Inequality (List values)	Two way table
% Profit or % change	Inequality Regions	Quartiles
Write as a %/Write as Fraction	Quadratic Formula	Pie Charts
Perimeter	Non Linear Simultaneous Equation	Capture, re-capture

Fraction Operations	Frequency Polygon	Reverse %
Fraction of Amount	Scatter Diagrams	Volume Problem solving
Pressure, Force, Area	Multiply/Divide Decimals	3D Trig/Pythagoras
Angles in Polygons	Surds	Quadratic Inequality
Venn Diagrams	Sim Equations Graphically	Exact Trig