Paper 2 Key Topics

AQA Foundation

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.

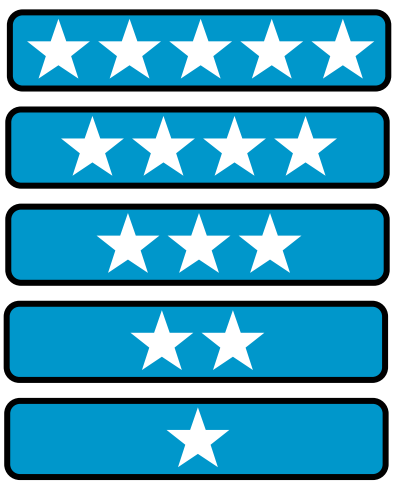
Each topic has been rated from 1 star to 5 stars. The more stars I have given it, the more likely I believe it could appear in Paper 2.

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



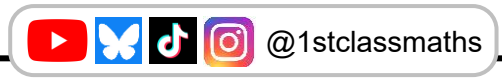
<< Most likely topics to appear

<< Least likely topics to appear

Types of Number (Square, Cube, Prime, even, odd)	Gradients, Intercepts, y = mx + c
Factors and Multiples	Direct Proportion
Substitution	Use of scales on a map or a ratio
Form Algebraic Equation/Expression From Context	Area of Shapes

Money problems	Fractions, decimals, percentages	Write as ratio (including form 1:n)
Simplify Algebraic Expressions	Fraction of Amount	Probability
Sequences	% of amount	Averages (and range)
Solve Linear Equations	Share into ratio Application of Ratio	Time Calculations

Error Intervals	Increase/Decrease by %	Congruent Shapes/Similar Shapes
Place Value	Write as a %/Write as Fraction	Angle Facts (around a point, straight line etc)
Listing Outcomes	Direct/Inverse Proportion	Bearings and Compass Directions
Use of calculator	Compound Interest	Angles in Parallel Lines
Number Machines	Relate Ratio to Fraction/Percentage	Surface Area 3D shape
Quadratic Graphs	Speed, Distance, Time	Volume of 3D Shape
Expand/Simplify	Scale Drawing	Circles and Sectors
Change the Subject	Metric Units	Pythagoras
Draw/Use Straight Line Graph	Parts of a Circle	Perimeter
Coordinates	SOHCAHTOA	Transformations
Form and Solve Equation	Similar Lengths	Scatter Diagrams
Averages/Mean Problem Solve	Symmetry	Average - From Diagram or Table
Frequency Trees	Venn Diagrams	Pictograms
	Pie Charts	



Multiply/Divide Decimals	Reciprocals	Coordinates problem solving
Equivalent Calculations	Bank Statements	Solve Quadratic Equation
Use of inequality signs	Linear Simultaneous Equations	Solving with Identity
Equivalent fraction/Simplify Fraction	Simultaneous Equations Graphically	% change
Order of Operations	Types of Graphs (Cubic, Reciprocal)	Inverse Proportion (in context)
Order Numbers	Expression, Equation, Formula, Identity, Term, Inequality	Reverse %
Order Fractions	Distance Time Graphs	Simple Interest
Identify Parallel/Perpendicular Lines	Factorising	Multiple Ratio Problem Solving
Product of Primes	Linear Inequalities	Simplify Ratio
HCF/LCM	Inequalities (Listing values)	Density, Mass, Volume
Indices e.g. 2^4	Inequality Diagrams	Pressure, Force, Area
Rounding	Vertical and Horizontal Lines (and their equations)	Population Density
Approximations	Midpoint of line	Currency Conversions
Faces, Edges, Vertices	Plans and Elevations	Convert Units of area/volume
Angles in a Triangle Properties of triangles	Angles in Polygons	Measure Line/Angle
Angles in a Quadrilateral Properties of quadrilaterals	Constructions and Loci	Sample Space Diagrams
Area problem solving	Tree Diagrams	Set notation
Volume Problem solving	Relative Frequency	Bar Charts
Tally Charts	Types of data (discrete, continuous)	Sampling
Vertical Line Graphs	Time Series Graphs	Imperial Unit Conversions

Exact Trig	Index Laws	Name Shapes
Fraction Operations	Standard Form	Column Vectors
Negative Numbers	Conversion Graphs	Two way tables
Square roots, Cube roots