



Paper 3 Key Topics

AQA Foundation

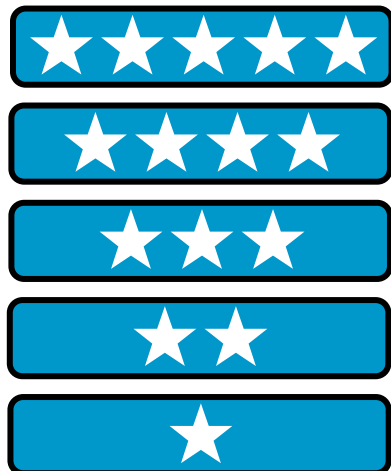
In this document you will find lists of topics to help you focus your revision for Paper 3. To do this I have carefully analysed the topics that appeared in your Paper 1/2 but also the trends from all previous exam papers.

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 3.

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.

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



Increase/Decrease by %	Form Equation/Inequality/Expression From Context	Pie Charts
Form and Solve Equations	Expand/Simplify	Factors and Multiples
Speed, Distance, Time	Probability	Place Value
Use of calculator	Frequency Trees	Time Calculations
Average - From Diagram or Table	Venn Diagrams	Bar Charts



Index Laws	Simplify Algebraic Terms	Angle Facts
Share into ratio Application of Ratio	Substitution	Percentage of amount
Fraction of Amount	Solve Linear Equations	



Square, Cube, Prime, even, odd numbers	% Profit or %change	Bank Statements
HCF/LCM	Write as a %	Number Machines
Circles and Sectors	Write as Fraction	Simplify Ratio
Sequences	Angles in a Triangle Properties of triangles	Use of scales on a map or a ratio
Direct Proportion	Angles in a Quadrilateral Properties of quadrilaterals	Scale Drawings
Compound Interest	Bearings and Compass Directions	Metric Units
Density, Mass, Volume	Angles in Parallel Lines	Name Shape/Basic Properties of shape
Volume of 3D Shapes	Similar Lengths	Faces, Edges, Vertices
Pythagoras	Angles in Polygons	Averages (and range)
Transformations	Constructions and Loci	Converting Fractions Decimals and %
Distance Time Graphs	Scatter Diagrams	Use of inequality signs
Factorising	Order of Operations	Write as ratio (including form 1:n)



Relative Frequency	Convert Units of area/volume	Standard Form
Reciprocals	Sampling	Area of rectangles, triangles, parallelograms, trapeziums
Types of data (discrete, continuous)	Parts of a Circle	Fraction Operations
Negative Numbers	Area problem solving	Product of Primes
Equivalent fractions Simplify Fractions	Volume Problem solve	Gradients, Intercepts, $y = mx + c$
Order Numbers	Column Vectors	Linear Simultaneous Equations
Conversion Graphs	Plans and Elevations	Quadratic Graphs
Approximations	Symmetry	Types of Graphs (Cubic, Reciprocal)
Listing Outcomes	Mark on Probability Scale	Show lines are Parallel
Population Density	Sample Space Diagram	Solve Quadratic
Simultaneous Equations Graphically	Averages/Mean Problem Solve	Solving with Identity
Expression, Equation, Formula, Identity, Term, Inequality	Two way tables	Relate Ratio for Fraction/Percentage
Inequality (List values)	Vertical Line Graphs	Surface Area 3D shapes
Equation of Vertical and Horizontal Lines	Frequency Polygons	Perimeter
Midpoint of line	Tally Charts	Simple Interest
Inverse Proportion (in context)		Pressure, Force, Area



Exact Trig	Evaluate Indices	Coordinates
SOHCAHTOA	Square roots, Cube roots	Draw/Use Straight Line Graphs
Error Intervals	Use of probability to estimate/work out exact amount	Measure Line/Angle
Change Subject/Rearrangement	Equivalent Calculations	Identify Parallel/Perpendicular Lines
Linear Inequality	Order Fractions	Congruent Shapes/Similar Shapes
Reverse %	Round	Pictogram
Tree Diagrams	Inequality Diagram	Time Series Graphs

