Paper 2 Key Topics

Edexcel Foundation

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	Write as ratio (including form 1:n)
Share into ratio	Transformations
Area of Shapes (rectangle, triangle, parallelogram, trapezium)	Rounding numbers
Probability	Time Calculations
Metric Unit Conversions	

Direct Proportion	Solve Linear Equations	Factors and Multiples
Speed, Distance, Time	Fraction of Amount	Money problems
Sequences	Write as Fraction	Simplify Expressions
Average from Diagram or Table	Best Buys	Fractions, Decimals, Percentages
Use of calculator	Order Numbers	Percentages of an amount

Quadratic Graphs	Factorise (single bracket)	Angles in Polygons
SOHCAHTOA	Factorise (double bracket)	Line Charts
HCF/LCM	Expand/Simplify Brackets	Square, Cube, Prime numbers
Error Intervals	Change the Subject	Number Machines (Input and Outputs)
Increase/Decrease by %	Form and Solve Equations	Conversion Graphs
Compound Interest	Currency Conversions	Scale Drawings
Circles and Sectors	Use of scales on a map	Angle Facts
Pythagoras	Angles in a Triangle	Averages (and the range)
Substitution	Perimeter	Pie Charts

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Index Laws	Use of inequality signs	Simplify Ratios
Problems with multiple ratios	Equivalent fractions	Measure Lines
Averages problem solving	Simplify Fractions	Measure Angles
Fraction Operations	Square roots, Cube roots	Name Shapes
Prime Factorisation	Order of Operations (BIDMAS)	Identify Parallel/Perpendicular Lines
Linear Simultaneous Equations	Order Fractions by Size	Faces, Edges, Vertices
Special Graphs (Cubic, Quadratic, Reciprocal)	Indices Evaluate e.g. 2^4	Identify Congruent Shapes
Solve Linear Inequality	Place Value	Angles in a Quadrilaterals
Inequality Diagrams	Listing Outcomes	Bearings
Draw Straight Line Graph	Reciprocals	Volume Problem solving
Use gradient to solve problems	Write expressions	Symmetry
Coordinates problem solve	Expression, Equation, Formula, Identity	Constructions and Loci
% Profit or %change	Distance Time Graphs	Mark on Probability Scale
Density, Mass, Volume	List values for an Inequality	Stem and Leaf Diagrams
Convert Units of area/volume	Use Straight Line Graphs to find values	Frequency Trees
Angles in Parallel Lines	Find Equation of a Line (y = mx + c)	Two way tables
Volume of 3D Shape	Find Gradient/Intercept given an equation	Set notation
Area problem solve	Show a point is on a line	Bar Charts
Column Vectors	Show 2 lines are Parallel	Tally Charts
Plans and Elevations	Solve Quadratic Equation	Pictograms
Similar Lengths	Inverse Proportion	Vertical Line Graphs

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Form Algebraic Equation	Frequency Polygons	Midpoint of line
Pressure, Force, Area	Multiply/Divide Decimals	Coordinates
Surface Area 3D shape	Negative Numbers	Reverse %
Scatter Diagrams	Estimation	Relate Ratio to Fraction/Percentage
Tree Diagrams	Simultaneous Equations Graphically	Parts of a Circle
Venn Diagrams	Vertical and Horizontal Lines	Exact Trig

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