



Paper 3 Key Topics

Edexcel 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.

- 1st Class Maths



<< Most likely topics to appear



<< Least likely topics to appear



SOHCAHTOA	FDP	Substitution
Averages from Tables	Fraction of Amount	Sequences
Stem and Leaf (probably median/mode)	Direct Proportion (not best buy)	Expand/Simplify Brackets
Pie Charts	Reverse %	Linear Inequalities
Pictograms	Compound Interest	Circles and Sectors
HCF/LCM	Index Laws	Place Value
Indices e.g. 2^4	Error Intervals	Rounding



Order Numbers (integers)	Solve Linear Equation	Area problem solve
Factors and Multiples	% of amount	Similar Lengths
Simplify (like terms)	Share into ratio/Application of Ratio	Averages problem solve e.g. reverse mean
Scale Drawing	Speed, Distance, Time	



Frequency Trees	Increase/Decrease by %	Angles in Parallel Lines
Fraction Operations	Write as a %/Write as Frac	Area (rectangle, parallelogram, trapezium)
Order Fractions	Conversion Graph	Pythagoras
Product of Primes	Multiple Ratio/Problem Solve with Ratio	Plans and Elevations
Standard Form	Write as ratio (including form 1:n)	Transformations (not enlargement/reflection)
Listing Outcomes	Use of scales on a map or a ratio	Constructions/Loci
Money	Metric Unit Conversions	Probability
Draw Straight Line Graph	Angle Facts	Tree Diagram
Time Calculation	Bearings	Averages from a list (not mean/range)



Use of inequality signs	Types of Graphs	Convert Units of area/volume
Column Vectors	Expression, Equation, Formula, Identity, Term	Name Shape
Relate Ratio for Fraction/Percentage	Inequality (List values)	Identify Parallel/Perpendicular Lines
Pressure, Force, Area	Find Equation of a Line	Parts of a Circle
Equivalent fraction/Simplify Fraction	Find Gradient/Intercept - Given equation	Faces, Edges, Vertices
Negative Numbers	Set notation (list numbers in set/union/intersection given sets)	Congruent Shapes
Simultaneous Equations Graphically	Bar Charts	Angles in a Quadrilateral/Properties of quadrilaterals
Square roots, Cube roots	Inverse Proportion (in context)	Volume Problem solve (usually cuboids)
Reciprocals	Number Machines	Perimeter
Symmetry	Frequency Polygon	Tally Charts
Mark on Probability Scale	Line Charts	Vertical Line Graph



Multiply/Divide Decimals	Quadratic Graphs	Exact Trig
Coordinates (Find, Draw on)	Distance Time Graph	% Profit or %change
Order of Operations	Factorise	Simplify Ratio
Types of Number (Square, Cube, Prime etc)	Change Subject	Density, Mass, Volume
Estimation	Inequality Diagram	Currency/Harder Unit Conversions
Use of calculator	Vertical and Horizontal Lines (and their equations)	Measure Line/Angle
Linear Simultaneous Equations	Midpoint of line	Angles in a Triangle/Properties of triangles
Angles in Polygons	Form and Solve Equation	Surface Area 3D shape
Scatter Diagrams	Solve Quadratic Equation	Volume of 3D Shape
Two way table	Venn Diagrams	