

Maths Made Easy - Functional Skills Maths Level 2 Specification

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Please click the revise buttons below to start revising each topic.

Using numbers and the number system – whole numbers, fractions, decimals and percentages	
✓ Read, write, order and compare positive and negative numbers of any size	Revise >
✓ Carry out calculations with numbers up to one million including strategies to check answers including estimation and approximation	Revise >
✓ Evaluate expressions and make substitutions in given formulae in words and symbols	Revise >
✓ Identify and know the equivalence between fractions, decimals and percentages	Revise >
✓ Work out percentages of amounts and express one amount as a percentage of another	Revise >
✓ Calculate percentage change (any size increase and decrease), and original value after percentage change	
✓ Order, add, subtract and compare amounts or quantities using proper and improper fractions and mixed numbers	Revise >
✓ Express one number as a fraction of another	Revise >

✓ Order, approximate and compare decimals	Revise >
✓ Add, subtract, multiply and divide decimals up to three decimal places	Revise >
✓ Understand and calculate using ratios,	Revise >
✓ Direct proportion and inverse proportion (Not using algebra)	Revise >
✓ Follow the order of precedence of operators, including indices	Revise >

Using common measures, shape and space

✓ Calculate amounts of money.	Revise >
✓ Calculate compound interest, percentage increases, decreases and	Revise >
✓ Calculate discounts including tax and simple budgeting	Revise >
✓ Convert between metric and imperial units of length, weight and capacity using a conversion factor.	Revise >
✓ Be able to use Conversion Graphs	Revise >
✓ Calculate using compound measures – Speed Distance Time	Revise >
✓ Calculate using compound measures – Density Mass Volume	Revise >
✓ Perimeter and area of circles (Formula Not Given)	Revise >
✓ Calculate perimeters and areas of 2-D shapes including triangles and circles and composite shapes including non-rectangular shapes (formulae given except for triangles)	Revise >
✓ Use formulae to find volumes of 3-D shapes including cylinders (formulae to be given for 3-D shapes other than cylinders)	Revise >
✓ Use formulae to find surface areas of 3-D shapes including cylinders (formulae to be given for 3-D shapes other than cylinders)	Revise >

✓ Calculate actual dimensions from scale drawings and create a scale diagram given actual measurements	Revise >
✓ Use coordinates in 2-D, positive and negative, to specify the positions of points	Revise >
✓ Understand and use common 2-D representations of 3-D objects	Revise >
✓ Draw 3-D shapes to include plans and elevations	
✓ Calculate values of angles and/or coordinates with 2-D and 3-D shapes	Revise >

Handling information and data	
✓ Calculate the median and mode of a set of quantities	Revise >
✓ Use the mean, median, mode and range to compare two sets of data	
✓ Estimate the mean of a grouped frequency distribution from discrete data	Revise >
✓ Express probabilities as fractions, decimals and percentages	Revise >
✓ Work out the probability of combined events including the use of diagrams and tables, including two-way tables	Revise >
✓ Draw and interpret scatter diagrams and recognise positive and negative correlation	Revise >
<p>Exam Details:</p> <p>The amount of time allocated for the assessment is 2 hours. The assessment is split into the following sections: Section A: 30 minutes (non-calculator) – worth 25% of the marks Section B: 1 hour and 30 minutes (calculator) – worth 75% of the marks</p>	Click here to take full mock

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