

# GCSE Mathematics Topic Focus Programmes

The Topic Focus revision menu offers a range of one to three day options designed to address specific elements of the GCSE Mathematics syllabus. Learners are guided through a selective coverage of the syllabus, building up a personalised revision folder.

Topic focussed building blocks are covered and then embedded within more complex problem scenarios where applicable, whilst also practising examination technique. Daily 'Confidence Tests' are also completed to measure daily progress. Set Menu options are available for all exam boards and all tiers, as well as the option to select a bespoke programme from a credit based menu, for a small additional cost.

## Set Menus - Foundation Tier

### Option A (Grade profile 3-4)

- Area and Perimeter, angles in parallel lines, percentage change, ratio, solving equations, conversion, pie charts.

### Option B (Grade profile 3-4)

- Changing subject, best buys, mean of frequency tables, transformations, bearings, inequalities, speed/distance/time.

### Option C (Grade profile 3-5)

- Expanding brackets, frequency polygons, tree diagrams, setting up equations, conversion, ratio, proportion.

### Option D (Grade profile 3-5)

- Area and circumference, repeated percentage change, averages, bearings, speed/distance/time, distance/time graphs, ratio, volume.

### Option E (Grade profile 4-5)

- Plotting graphs, simultaneous equations, advanced sequences, repeated percentage change, reverse percentage, surds, tree diagrams, trigonometry.

### Option F (Grade profile 4-5)

- Setting up equations, substitution, using a formula, best buys, ratio, proportion, unit conversion, pie charts, Venn diagrams and set theory.

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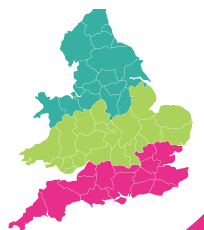
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Contact your regional Business Development Manager for more information or to book an appointment

## Set Menus - Higher Tier

### Option A (Grade profile 4-5)

- Brackets, solving equations, fraction arithmetic, percentage change, ratio, proportion, non-calculator arithmetic, area and perimeter.

### Option B (Grade profile 4-5)

- Plotting graphs, sequences, index laws, LCM and HCF, using a calculator, boxplots, area and perimeter.

### Option C (Grade profile 4-5)

- Writing expressions, changing subject, currency, unit conversion, best buys, averages, Venn diagrams & set theory.

### Option D (Grade profile 4-5)

- Equations of lines, fraction arithmetic, angles in polygons, construction & loci, midpoint of a line, transformation.

### Option E (Grade profile 6+)

- Algebraic fractions, simultaneous equations, iterative solutions, standard form, surds, histograms, constructing proofs.

### Option F (Grade profile 6+)

- Circle theorems, density, similar shapes, advanced trigonometry, probability, rates of change, function notation.

## Set Menus - Higher Tier +

### Option A (Grade profile 8+)

- Applied Pythagoras, trigonometry and vectors.

### Option B (Grade profile 8+)

- Error intervals, complex shape, surds.

### Option C (Grade profile 8+)

- Calculus applications, graphs, equation of tangents and circles.

### Option D (Grade profile 8+)

- Proportionality, functions, iteration, algebraic manipulation.

### Option E (Grade profile 8+)

- Probability, Venn diagrams, set theory, tree diagrams.

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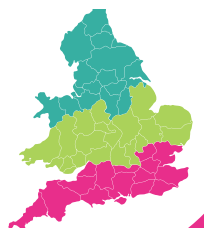
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