



Paper 2 Calculator paper

A Level Mathematics  
AS Mathematics  
Core Mathematics



LeAF Studio

Paper 3 Calculator paper

Paper 1 Non-calculator paper

A03 revision



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compare shapes and use them to calculate Corresponding sides and angles

A02 revision

A01 Revision

Further Algebra

Congruent and similar triangles

Walking Talking mock

Mock exam 2

Mock exam 1

Solve, re-arrange, expand and factorise expressions as well as Justify and explain



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Practice exam paper 3

End of year GCSE paper

YEAR 11

Fractions, Indices & Standard form

Perimeter, Area And Volume 2

Evaluate and Calculate using known formulae for 2D and 3D

Calculate and interpret numbers in Standard form and index form.

Science



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Revision A03 Interpret and analyse problems



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Practice exam paper 2

Evaluating angles and lengths, including Pythagoras Theory

Quadratic Equations and graphs

Construction, Loci and Bearings

Multiplicative Reasoning

Probability

Right angled Triangle

Calculate values and plot graphs by substitution

Use Compass and ruler to construct shapes, and Loci. Draw and calculate with Bearings

Calculate and compare Speed and Density

Describe and Evaluate probabilities, then use probabilities to Compare outcomes



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Practice exam paper 1

Simplifying and Calculating Ratio, then applying Ratio in Recipes and comparing ratio

Ratio and Proportion

YEAR 10

Graphs

Transformations

Plotting linear and quadratic graphs and Interpret graphs

Calculating and explaining enlargement, Translation, Rotation and reflection



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End of year Foundation GCSE exam



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Practice GCSE paper 3

Calculating all averages and range also analysing presenting data

Science

Perimeter Area And Volume

Averages And Range

Focus on A02 questions Select and Apply methods

Calculating and compare Perimeter, area and volume, including circles and all 2D shapes

Calculating and estimating angles explaining why certain angles are equal

Angles

Calculating and converting between Fractions, Decimals and Percent as well as Problem solving

Business

Practice GCSE Foundation paper 1



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Revision focusing on A02 (Select and apply Mathematical methods)

Fractions Decimals And Percentages

Equations, Inequalities And Sequences

Revision focusing on A01 (Recall and use Knowledge)

Recall and Interpret different mathematical symbols and formulae and apply them

Practice GCSE Foundation paper 2



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Graphs Tables Charts



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Baseline test

Revision focusing on A01 (recall and use Knowledge)



Classify types of data and graphs or charts, Calculating averages and range

Geography

Algebra Define algebraic relationships, Evaluate expressions and solve equations

Number List types of numbers and calculate with fractions and decimals

YEAR 9



# Foundation Tier Learning Journey