

Mathematics A (4XMAF)

2-year course planner Foundation Tier



This 2-year course planner is an example of one possible model to teach each of the units within the **International GCSE Mathematics (Specification A) (modular) Foundation Tier** qualification.

The course planner summarises what can be covered in each term to enable completion of the content and preparation for assessment at the end of each year. It assumes that each year is split into 3 terms.

We strongly advise that Units 1 and 2 are sat in order for first entry of the units and resits can be sat in any order.

This is only a suggested course planner with suggested timings, and it does not need to be followed.

Year	Term	Unit/Topic	Notes	GLH*
1	1	Unit 1: Foundation Tier	<ul style="list-style-type: none">• Integers and place value• Decimals• Special numbers and powers• Fractions• Percentages 1• Ratio and proportion 1• Arithmetic of fractions• Set language and Venn diagrams• Algebraic manipulation• Equations and inequalities• Real life graphs• Straight line graphs	35
1	2	Unit 1: Foundation Tier	<ul style="list-style-type: none">• Quadratic equations and graphs• Angles and measures• Symmetry, shapes, parallel lines and angle facts• Compound measures• Perimeter and area• Pythagoras' theorem and trigonometry• Representing data• Probability	35

International GCSE (modular)



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Year	Term	Unit/Topic	Notes	GLH*
1	1 st half of Term 3	Revision of Unit 1: Foundation Tier	<ul style="list-style-type: none">• Revision of topics and practice of examination questions	10
1	2 nd half of Term 3	Unit 2: Foundation Tier	<ul style="list-style-type: none">• Primes, HCF and LCM, and standard form• Percentages 2• Ratio and proportion 2	20
2	1	Unit 2: Foundation Tier	<ul style="list-style-type: none">• Expressions, formulae and rearranging equations• Inequalities• Sequences• Graphs of inequalities• Simultaneous equations• Measures, bearings and scale drawings• Symmetry• Polygons	35
2	2	Unit 2: Foundation Tier	<ul style="list-style-type: none">• Surface area and volume• Circles and cylinders• Transformations• Similarity and congruence in 2D• Constructions and bearings• Data• Statistical measures	35
2	3	Revision of Unit 2: Foundation Tier	<ul style="list-style-type: none">• Revision of topics and practice of examination questions	10

*GLH = Guided Learning Hours