



Specification link: [Edexcel International GCSE Mathematics A \(2016\) | Pearson qualifications](#)

Pupils study the Foundation specification in year 9. In year 10 pupils are tiered into foundation and Higher. Pupils sitting the higher paper will study the higher tier topics where as students sitting the foundation paper will continue to consolidate their understanding of the foundation tier. In year 11 the focus shifts to exam technique and a Diagnosis, Therapy, Testing approach to help students consolidate and work on any gaps in their understanding.

Subject	Mathematics
Qualification	Edexcel International GCSE Mathematics 4MA1 Foundation and Higher
Assessed by	IGCSE Mathematics has 2 papers at the end of year 11. Pupils will either sit the foundation or higher tier. Each paper is 2 hours long.
Autumn 1 Y10	<ul style="list-style-type: none">• Integers and place value• Decimals• Special numbers and powers• Algebraic manipulation• Linear equations and inequalities
Autumn 2 Y10	<ul style="list-style-type: none">• Perimeter, area and volume• Circles and cylinders• Compound measures• Real life graphs• End of term Assessment

	<ul style="list-style-type: none"> • Feedback and target setting.
Spring 1 Y10	<ul style="list-style-type: none"> • Fractions • Arithmetic of fractions • Percentages • Indices and standard form
Spring 2 Y10	<ul style="list-style-type: none"> • Symmetry, shapes, parallel lines and angle facts • Measures, bearings and scale drawings • Constructions and bearings • Polygons • Sequences • Probability • End of term Assessment • Feedback and target setting.
Summer 1 Y10	<ul style="list-style-type: none"> • Graphical representation of data • Statistical measures • Set language, notation and Venn diagrams
Summer 2 Y10	<ul style="list-style-type: none"> • Transformations • End of Year Exams, internally marked. • Feedback and target setting.
Autumn 1 Y11	<ul style="list-style-type: none"> • Ratio and proportion • Expressions, formulae and rearranging formulae • Linear graphs

Autumn 2 Y11	<ul style="list-style-type: none">• Pythagoras' theorem and Trigonometry• Quadratic equations and graphs• Simultaneous equations• Year 11 Mock Exams
Spring 1 Y11	<ul style="list-style-type: none">• Revisit topics based on analysis of December Mock Exams – Close gaps in understanding.
Spring 2 Y11	<ul style="list-style-type: none">• Year 11 Mock Exams – Revisit topics based on analysis of March Mock exams.• Preparation for Paper 1 and 2
Summer 1 Y11	<ul style="list-style-type: none">• Preparation for Paper 2