

## Year 11 Course Plan (Maths Syllabus)

Topic	Subtopics
<b>1. Algebra revision</b>	Solving quadratic equations
	Solving quadratic simultaneous equations
	Functions
	Quadratic functions (maximum/ minimum)
	Sketching quadratic graphs
	Quadratic inequalities
	Algebraic fractions
	Trig graphs and transformations of graphs
<b>2. Algebraic proof</b>	
<b>3. Real-life graphs</b>	Distance-time graphs
	Velocity-time graphs
	Gradient of a curve at a given point
	Finding area under a curve
<b>4. Recurrence relations</b>	Introduction
	Solving equations using recurrence relations (iteration methods)
<b>5. GCSE Revision</b>	Past papers and model questions discussions

	Mock test
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