



King James's School

GCSE Maths Revision Programme

HIGHER TIER – AIMING FOR GRADE 8/9



Follow the timings below to practise grade-appropriate GCSE skills by the exams.

Practice questions are the best way to revise. Use the videos to recap if you are unsure of any topics.

All videos and practice questions are available at <https://www.mathsgenie.co.uk/gcse.html>

Week start	Topics	Videos Watched?	Practised?
19/02/24	Conditional Probability Probability Equation Questions		
26/02/24	Circle Theorems Proof of the Circle Theorems		
04/03/24	The Sine Rule The Cosine Rule Finding the Area of Any Triangle		
11/03/24	Algebraic Fractions Rearranging Harder Formulae		
18/03/24	Inverse and Composite Functions Iteration		
25/03/24 EASTER	Factorising Harder Quadratics Quadratic Simultaneous Equations		
01/04/24 EASTER	Quadratic Formula Completing the Square		
08/04/24	Quadratic Inequalities The Nth Term of a Quadratic Sequence		
15/04/24	Velocity Time Graphs Perpendicular Lines and the equation of a tangent		
22/04/24	Congruent Triangles Proof		
29/04/24	Transforming Graphs $y=f(x)$		
06/05/24	Bounds Direct and Inverse Proportion		
13/05/24	Cumulative Frequency Box Plots Capture-Recapture		

Exam Dates

Paper 1 – non-calculator - Thursday 16th May am

Paper 2 – calculator - Monday 3rd June am

Paper 3 – calculator - Monday 10th June am