



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?
17/02/24 HALF TERM	Conditional Probability Probability Equation Questions		
24/02/25	Circle Theorems Proof of the Circle Theorems		
03/03/25	The Sine Rule The Cosine Rule Finding the Area of Any Triangle		
10/03/25	Algebraic Fractions Rearranging Harder Formulae		
17/03/25	Inverse and Composite Functions Iteration		
24/03/25	Factorising Harder Quadratics Quadratic Simultaneous Equations		
31/03/25	Quadratic Formula Completing the Square		
07/04/25 EASTER	Quadratic Inequalities The Nth Term of a Quadratic Sequence		
14/04/25 EASTER	Velocity Time Graphs Perpendicular Lines and the equation of a tangent		
21/04/25	Congruent Triangles Proof		
28/04/25	Transforming Graphs $y=f(x)$		
05/05/25	Bounds Direct and Inverse Proportion		
12/05/25	Cumulative Frequency Box Plots Capture-Recapture		

Exam Dates

Paper 1 – non-calculator - Thursday 15th May am

Paper 2 – calculator – Wednesday 4th June am

Paper 3 – calculator - Wednesday 11th June am

