King James's School

GCSE Maths Revision Programme

HIGHER/FOUNDATION TIER – AIMING FOR GRADE 5

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	Averages from Frequency Tables Compound Interest and Depreciation		
24/02/25	Loci and Construction Bearings		
03/03/25	Writing a Ratio as a Fraction or Linear Function Direct and Inverse Proportion		
10/03/25	Expanding and Factorising Quadratics Solving Quadratics		
17/03/25	Drawing Quadratic Graphs Drawing Other Graphs: Cubic/Reciprocal		
24/03/25	Simultaneous Equations Solving Simultaneous Equations Graphically		
31/03/25	Midpoint of a Line Segment Equation of a Line		
07/04/25 EASTER	Spheres and Cones Sector Areas and Arc Lengths		
14/04/25 EASTER	SOHCAHTOA (Trigonometry) Exact trig values		
21/04/25	Probability Trees Venn Diagrams		
28/04/25	Similar Shapes (Lengths) Reverse Percentages		
05/05/25	Vectors Speed and Density		
12/05/25	Standard Form Changing the Subject of a Formula		

Exam Dates

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

Paper 2 – calculator – Wednesday 4th June am

Paper 3 – calculator - Wednesday 11th June am