



# 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?
19/02/24	Averages from Frequency Tables Compound Interest and Depreciation		
26/02/24	Loci and Construction Bearings		
04/03/24	Writing a Ratio as a Fraction or Linear Function Direct and Inverse Proportion		
11/03/24	Expanding and Factorising Quadratics Solving Quadratics		
18/03/24	Drawing Quadratic Graphs Drawing Other Graphs: Cubic/Reciprocal		
25/03/24 EASTER	Simultaneous Equations Solving Simultaneous Equations Graphically		
01/04/24 EASTER	Midpoint of a Line Segment Equation of a Line		
08/04/24	Spheres and Cones Sector Areas and Arc Lengths		
15/04/24	SOHCAHTOA (Trigonometry) Exact trig values		
22/04/24	Probability Trees Venn Diagrams		
29/04/24	Similar Shapes (Lengths) Reverse Percentages		
06/05/24	Vectors Speed and Density		
13/05/24	Standard Form Changing the Subject of a Formula		

#### Exam Dates

Paper 1 – non-calculator - Thursday 16<sup>th</sup> May am

Paper 2 – calculator - Monday 3<sup>rd</sup> June am

Paper 3 – calculator - Monday 10<sup>th</sup> June am