



# King James's School

## GCSE Maths Revision Programme

### HIGHER TIER – AIMING FOR GRADE 6



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	SOHCAHTOA (Trigonometry) Exact trig values		
26/02/24	Vectors Probability Trees		
04/03/24	Similar Shapes (Lengths) Similar Shapes (Area and Volume)		
11/03/24	Direct and Inverse Proportion Standard Form		
18/03/24	Expanding and Factorising Quadratics Solving Quadratics Expanding Triple Brackets		
25/03/24 EASTER	Simultaneous Equations Solving Simultaneous Equations Graphically		
01/04/24 EASTER	Changing the Subject of a Formula Spheres and Cones		
08/04/24	Recurring Decimals to Fractions Enlarging with Negative Scale Factors		
15/04/24	Cumulative Frequency Box Plots		
22/04/24	Circle Theorems Sector Areas and Arc Lengths		
29/04/24	Equation of a Line Parallel and Perpendicular Lines Inequalities on Graphs		
06/05/24	The Product Rule for Counting Capture Recapture		
13/05/24	Repeated Percentage Change		

#### 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