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 | Conditional Probability | | |
| HALF | Probability Equation Questions | | |
| TERM | | | |
| 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 | Quadratic Inequalities | | |
| EASTER | The Nth Term of a Quadratic Sequence | | |
| 14/04/25 | Velocity Time Graphs | | |
| EASTER | 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