

Mathematics Higher

REVISION LIST – YEAR 10 MOCK EXAMS



For your Year 10 mock exams, you will be completing the following exams in our subject:

Paper	Time	Marks Available
Paper 1 – Non Calculator	1 hr 30 minutes	80
Paper 2 – Calculator	1 hr 30 minutes	80
Pape 3 - Calculator	1 hr 30 minutes	80

To support you in preparing for these exams, you should revise the following aspects of the course:

Year 10 Revision Guide Paper 1 Higher	Higher Revision Guide Paper 2	Year 10 Higher Guide Paper 3
Pressure Force Area Drawing Frequency polygons Add / subtracting fractions Surface area and volume Scatter graphs Indices Spheres Angles in polygons Simultaneous graphs Reverse % finding the original amount Venn Diagrams Dividing / multiplying decimals Simplifying algebraic fractions Direct / inverse proportion Tree diagrams probability Changing the subject Quadratic inequalities Surds with rationalising the denominator Circle theorems Composite/inverse functions Ratio and proportion Product rule Trigonometry with exact values	Understanding quadratic graphs Trigonometry Compound interest and depreciation Area compound shapes Understanding nth term sequences Iteration Plans and elevations Cumulative frequency and box plots Proof of recurring decimals Capture – recapture Coordinates and lengths Region and graphs Equation of a circle Similar shapes 3d trigonometry Area of a non-right-angle triangle Gradient of a curve Functions bounds	Angles on parallel lines Frustums Estimating the gradient from a graph Graphs Solving algebraic fractions Equation of a tangent to circle Ratio and algebra Negative enlargements Vectors Difference of two squares Expanding 3 brackets Trigonometry sine and cosine rule Proof of numbers Density mass volume Percentages problems Time conversion HCF and LCM Inverse proportion

Maximising Our Potential

Confidence

Respect

Aspiration

Resilience

Kindness