Final Exam Revision

Proof

Gradient and Area Under a Curve

Algebraic Fractions

Inequalities (graphical)

Circle Theorems and Geometry

Iterations

11

Quadratic Sequences

Year 10 Catch-Up Topics

Functions

Graph Transformations

Quadratic Inequalities

Vectors

Further Trigonometry

Similarity and Congruence in 2D & 3D

Non right-angled triangles

Constructions in 2D and 3D, Loci, Maps and Bearings

Advanced Probability

Compound Measures

Accuracy and Bounds

Geometry Reasoning and Problem Solving

Trigonometry in Right-Angled Triangles

Error intervals using upper and lower bounds.
Calculating with upper and lower bounds

Perimeter, area and volume

Calculating missing side lengths and angles, with and without a calculator

Simultaneous Equations

Direct and Inverse Proportion

Reasoning with Data

Geometry Reasoning and Problem Solving

Constructing and solving problems algebraically

Collecting, representing and analysing data

Angles, polygons, parallel lines

Solving and sketching

Quadratics

Straight Line Graphs

Rearranging Formulae

Recurring Decimals

Surds and Indices

10

Equations of straight lines between two points, perpendicular lines

where the unknown occurs more than

Fractional and change of base problems, surds