

Year 11 Maths Foundation revision list

Remember you have three papers for Maths. All of these topics will appear at least once on your mocks.

Paper 1 - Non-Calculator

Paper 2 – Calculator

Paper 3 – Calculator

2D drawings of 3D shapes
Angles in parallel lines
Averages & Range
Calculating Fractions
Calculating percentages
Calculations with money
Calculations with proportion
Algebra - Changing the subject
Choosing a sample
Compound interest
Conversion rates
Converting between Fractions, decimals and percentages
Converting Units
Error intervals
Estimation
Exchange rates
Algebra - Expanding brackets
Algebra - Factorising
Algebra - Forming expressions
Fractions of amounts
Frequency diagrams & tables
Indices (powers) and roots
Inequalities
Loci
Long multiplication
Misleading graphs
Order of operations (BODMAS)
Ordering numbers
Pictograms

Powers and roots
Probability
Problem solving with angles in polygons (2D shapes)
Problem solving with perimeter and area
Problem solving with volume
Proportion
Quadratic Graphs
Rates of change
Ratio
Reading timetables
Right-angled triangles
Rounding
Sequences
Algebra - Simplifying expressions
Algebra - Simultaneous equations
Algebra - Solving equations
Special Numbers - factors, multiples, primes, HCF & LCM
Speed/distance/time
Standard form
Straight Line Graphs
Algebra - Substitution
Transformations
Two way tables
Understanding tables
Efficient use of a calculator
Using inequality symbols $<$ $>$
Vectors
Venn Diagrams
Volume
Proportion
Quadratic Graphs
Rates of change