Year 11 Foundation Revision List

Grade 1
Addition and Subtraction
Multiplication and Division
Rounding
Time
Place Value
Negative Numbers
Powers and Roots
BIDMAS
Factors and Multiples
Writing, Simplifying and Ordering Fractions
Coordinates
Pictograms

Grade 2
Calculation Problems
Using a Calculator
Systematic Listing
Fractions of an Amount
Fractions, Decimals and Percentages
Simplifying Algebra
Writing an Expression
Function Machines
Angles
Area and Perimeter
Probability
Frequency Polygons
Averages
Bar Charts
Stem and Leaf
Pie Charts

Grade 3
Error Intervals
Fractions
Estimating
Writing and Simplifying Ratio
Ratio
Proportion
Percentages
Percentage Change
Exchange Rates
Conversions and Units
Scale Drawings
Best Buy Questions
Substitution
Solving Equations
Drawing Graphs
Area and Circumference of Circles
Transformations
Area of Compound Shapes
Frequency Trees
Two Way Tables

Grade 4
Compound Interest and Depreciation
Indices
Prime Factors, HCF and LCM
Real Life and Distance Time Graphs
Inequalities
Forming and Solving Equations
Sequences (Nth Term)
Expanding and Factorising
Pythagoras
Angles in Parallel Lines
Angles in Polygons
Surface Area
Volume of a Prism
Cylinders
Loci and Construction
Bearings
Plans and Elevations
Averages from Frequency Tables
Probability
Scatter Graphs

Grade 5
Writing a Ratio as a Fraction or Linear Function
Direct and Inverse Proportion
Reverse Percentages
Standard Form
Speed and Density
Changing the Subject of a Formula
Expanding and Factorising Quadratics
Solving Quadratics
Drawing Quadratic Graphs
Drawing Other Graphs: Cubic/Reciprocal
Simultaneous Equations
Solving Simultaneous Equations Graphically
Midpoint of a Line Segment
Gradient of a Line
Equation of a Line
Spheres and Cones
Sector Areas and Arc Lengths
Similar Shapes (Lengths)
SOHCAHTOA (Trigonometry)
Exact trig values
Vectors
Probability Trees
Venn Diagrams