## Year 11 Foundation Revision List

| Grade 1 | Grade 4 |
| :---: | :---: |
| Addition and Subtraction | Compound Interest and Depreciation |
| Multiplication and Division | Indices |
| Rounding | Prime Factors, HCF and LCM |
| Time | Real Life and Distance Time Graphs |
| Place Value | Inequalities |
| Negative Numbers | Forming and Solving Equations |
| Powers and Roots | Sequences (Nth Term) |
| BIDMAS | Expanding and Factorising |
| Factors and Multiples | Pythagoras |
| Writing, Simplifying and Ordering Fractions | Angles in Parallel Lines |
| Coordinates | Angles in Polygons |
| Pictograms | Surface Area |
|  | Volume of a Prism |
| Grade 2 | Cylinders |
| Calculation Problems | Loci and Construction |
| Using a Calculator | Bearings |
| Systematic Listing | Plans and Elevations |
| Fractions of an Amount | Averages from Frequency Tables |
| Fractions, Decimals and Percentages | Probability |
| Simplifying Algebra | Scatter Graphs |
| Writing an Expression |  |
| Function Machines | Grade 5 |
| Angles | Writing a Ratio as a Fraction or Linear Function |
| Area and Perimeter | Direct and Inverse Proportion |
| Probability | Reverse Percentages |
| Frequency Polygons | Standard Form |
| Averages | Speed and Density |
| Bar Charts | Changing the Subject of a Formula |
| Stem and Leaf | Expanding and Factorising Quadratics |
| Pie Charts | Solving Quadratics |
|  | Drawing Quadratic Graphs |
| Grade 3 | Drawing Other Graphs: Cubic/Reciprocal |
| Error Intervals | Simultaneous Equations |
| Fractions | Solving Simultaneous Equations Graphically |
| Estimating | Midpoint of a Line Segment |
| Writing and Simplifying Ratio | Gradient of a Line |
| Ratio | Equation of a Line |
| Proportion | Spheres and Cones |
| Percentages | Sector Areas and Arc Lengths |
| Percentage Change | Similar Shapes (Lengths) |
| Exchange Rates | SOHCAHTOA (Trigonometry) |
| Conversions and Units | Exact trig values |
| Scale Drawings | Vectors |
| Best Buy Questions | Probability Trees |
| Substitution | Venn Diagrams |
| Solving Equations |  |
| Drawing Graphs |  |
| Area and Circumference of Circles |  |
| Transformations |  |
| Area of Compound Shapes |  |
| Frequency Trees |  |
| Two Way Tables |  |

## Grade 1

Addition and Subtraction

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
Charts
Stem and Leaf

## 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
ency Trees
Two Way Tables

Compound Interest and Depreciation

Real Life and Distance Time Graphs
nequalities

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

Direct and Inverse Proportion
erse Percentages

Speed and Density
anging the Subject of a Formula

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

