Topics for Revision Foundation

Integers and place value
Decimals
Indices, powers and roots
Factors, multiples and primes
Algebra: the basics
Expanding and factorising single brackets
Expressions and substitution into formulae
Tables
Charts and graphs
Pie charts
Scatter graphs
Fractions
Fractions, decimals and percentages
Percentages
Equations
Inequalities
Sequences
Properties of shapes, parallel lines and angle facts
Interior and exterior angles of polygons
Statistics and sampling
The averages
Perimeter and area
3D forms and volume
Real-life graphs
Straight-line graphs
Transformations I: translations, rotations and reflections
Transformations II: enlargements and combinations

Topics for Revision Higher

Calculations, checking and rounding
Indices, roots, reciprocals and hierarchy of operations
Factors, multiples and primes
Standard form and surds
Algebra: the basics
Setting up, rearranging and solving equations
Sequences
Averages and range
Representing and interpreting data
Scatter graphs
Fractions
Percentages
Ratio and proportion
Polygons, angles and parallel lines
Pythagoras' Theorem and trigonometry
Graphs: the basics and real-life graphs
Linear graphs and coordinate geometry
Quadratic, cubic and other graphs
Perimeter, area and circles
3D forms and volume, cylinders, cones and spheres
Accuracy and bounds
Transformations
Constructions, loci and bearings
Solving quadratic and simultaneous equations
Inequalities
Probability