GCSE Foundation Maths

Topics

Number

Error intervals,
Fractions,
Estimating,
Ratio,
Proportion,
Percentage,
Percentage change,
Exchange rates,
Conversions and units,
Compound interest,
Indices,
Prime factors,
HCF & LCM,
Time calculations

Algebra

Substitution,
Solving equations,
Inequalities,
Forming and solving equations,
Sequences (nth term),
Expanding and factorising

Geometry

Scale drawings,
Area and perimeter,
Area and circumference of circles,
Transformations (rotation, reflection, enlargement, translation),
Mixed transformations,
Area of compound shapes,
Pythagoras,
Angles in parallel lines,
Angles in polygons,
Surface area,
Volume,
Cylinders,
Loci and construction,
Bearings,
Plans and elevations

Statistics

Drawing graphs,
Frequency trees,
Two way tables,
Real life and distance time graph,
Probability,
Scatter Graphs,
Averages,
Pie Charts,
Mean, median and mode

N.B. The topics above indicate a guide to the course.

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