



REVISION

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# Chessington Maths Curriculum

Year 11

**Number**: Financial calculations

**Data**: Probability Trees & Venn Diagrams

**SSM**: Arcs & sectors. Vol of prisms, cones & spheres. Trigonometry & vectors

**Algebra**: Gradients, rates of change, brackets, substitution, solving equations inc quadratics

**SSM**: Polygons

**Algebra**: Simultaneous Equations & Graphs

**Data**: Probability

**Assessment**: preparation for End of Year Assessment

Year 10

**SSM**: Volume & Surface Area of prisms

**Algebra**: Sequences

**SSM**: Pythagoras & 2D representation of 3D shapes

**Data**: Scatter Graphs & correlation. Pie Charts.

**SSM**: Scale factors & maps. Construction & loci

**Algebra**: Real life graphs, quadratics & inequalities

**Data**: Probability & Frequencies

**Assessment**: preparation for End of Year Assessment

**Algebra**: Coordinates and gradients

**SSM**: Transformations

**Data**: Probability

**Algebra**: Solving equations

**Number**: Fractions

**Data**: Collecting, representing & interpreting

**Number**: Place value, operations, BIDMAS & ratio

**SSM**: Angles, measuring & construction

**Algebra**: Function machines

**Problem Solving**: Questions using topics covered so far

**Number**: Negative Numbers & Ratio

**Data**: Collecting, representing & interpreting

**Number**: multiples primes. Proportion

**SSM**: Scale drawings & area & perimeter

Year 9

**Assessment**: preparation for End of Year Assessment

**Algebra**: Real life graphs

**Data**: Collecting, representing & interpreting

**SSM**: Polygons, parallel lines, Pythagoras & enlargement

**Number**: Ratio & proportion

**Algebra**: Using formulae, solving equations & linear graphs

**SSM**: Area, perimeter inc circles. Volume & surface area

**Number**: Prime factorisation

**Algebra**: Substitution

**SSM**: Angles, measuring & construction

**Data**: Calculating averages

**Number**: Fractions, decimals & percentages

Year 8

**Algebra**: Constructing & solving equations

**Assessment**: preparation for End of Year Assessment

**Number**: Ratio & proportion

**Number**: Fractions, decimals & percentages

**Data**: Calculating averages

**Number**: Place value, decimals, mental calculations, estimations & negative numbers

**Algebra**: Using symbols, simplifying, substitution & solving equations

**SSM**: Area, perimeter, volume, co-ordinates & transformations

**SSM**: Angles, measuring & construction

**Number**: Indices, factors, multiples & primes

Year 7

Welcome to Chessington School



Transition