



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

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

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

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