Springwood High School

Learning Journey Mathematics - Key Stage 3

Further geometry
Pythagoras' theorem & Trigonometry

Probability
Combined events & Venn diagrams

Further algebra
Inequalities, quadratic graphs

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Algebraic techniques 3
Equations, rearranging formulae

Reasoning with number
Indices, proportion, standard form

Reasoning with algebra
Linear graphs, sequence rules

Reasoning with geometry
Transformations

Algebraic techniques 3
Expressions, equivalence

Applications with number
Financial contexts, compound interest

Probability
Chance, outcomes

Statistics
Analysing data

Algebraic techniques 2
Equations, brackets

Developing geometry
Angles, area & perimeter

Developing number
Ratio, multiply & divide fractions

Constructing in 2D and 3D
Working with 2D and 3D shapes, accurate constructions using mathematical equipment

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Statistics
Collecting & representing data

Algebraic techniques
Multiply & divide like terms, laws of indices

Reasoning with number
Rounding and estimation

Fractions
Add & subtract, decimal/percentage equivalence

Algebraic thinking
Add & subtract like terms, substitution

Percentages
Fractions/percentages of amounts

Geometry
Measuring, notation, basic angle rules

Working with number
Place value, four operations, factors and multiples, directed numbers

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