Springwood High School

Learning Journey Mathematics - Key Stage 3

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Further geometry	**Probability**	**Further algebra**
Pythagoras' theorem & Trigonometry	Combined events & Venn diagrams	Inequalities, quadratic graphs
Reasoning with number	**Reasoning with algebra**	**Reasoning with geometry**
Indices, proportion, standard form	Linear graphs, sequence rules	Transformations

Algebraic techniques 2	**Applications with number**	**Probability**	**Statistics**
Rearranging formulae, equivalence	Financial contexts, compound interest	Chance, outcomes	Analysing data

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Algebraic techniques 2	**Developing geometry**	**Developing number**	**Constructing in 2D and 3D**
Equations, brackets	Angles, area & perimeter	Ratio, multiply & divide fractions	Working with 2D and 3D shapes, accurate constructions using mathematical equipment
Statistics	**Algebraic techniques**	**Reasoning with number**	
Collecting & representing data	Multiply & divide like terms, laws of indices	Rounding and estimation	

Fractions	**Algebraic thinking**	**Percentages**
Add & subtract, decimal/percentage equivalence	Add & subtract like terms, substitution	Fractions/percentages of amounts

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Geometry	**Working with number**
Measuring, notation, basic angle rules	Place value, four operations, factors and multiples, directed numbers