



Mathematics curriculum overview (long term plan)

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 7	Place value, Properties of number	Arithmetic procedures, Expressions & Equations	Coordinates, Perimeter & area	Working with fractions	Multiplicative relationships	Transformations
Year 8	Rounding and estimating, sequences	Linear graphs, solving linear equations	Percentages, proportion	Averages, statistical diagrams	Perimeter, area, volume, angles	Constructions
Year 9	Similarity, congruence, Pythagoras' Theorem	Probability, algebraic manipulation	Non-linear relationships, expressions and formulae	Trigonometry	Number properties, standard form	Graphical representations
Year 10 Foundation	Number, Algebra	Representing data, Fractions & percentages	Sequences, Angles	Analysing data, Perimeter, area & volume	Graphs, Transformations	Ratio & proportion, Right-angled triangles
Year 10 Higher	Number, Surds, Algebra, Sequences	Data, Fractions & percentages, Ratio	Polygons, Right-angled triangles, Graphs, Polynomials	Perimeter, area & circles, 3D mensuration	Transformation & constructions, Quadratics	Probability, Multiplicative reasoning
Year 11 Foundation	Probability, Multiplicative reasoning, Constructions	Quadratics, Further mensuration, Indices	Vectors, Further algebra	Revision	Revision	
Year 11 Higher	Similarity & congruence, Further trigonometry	Further data, Further quadratics, Circle Theorems	Further algebra, Vectors, Proportion	Revision	Revision	

At GCSE we use Pearson Edexcel GCSE (9-1) Mathematics. Pupils will be entered for either Foundation Tier (grades 5-1) or Higher Tier (grades 9-4).

There is regular review of previous learning in all half term blocks