GCSE Mathematics Curriculum Map – support groups

	HT1	HT2	HT3	HT4	HT5	HT6
Year 9					**Initial number** Operation with fractions and decimals, increase/decrease by a %, ratio **Examinations and activities week**	**Initial algebra** Using and substituting into formula, expanding and factorising single brackets. Solving equations, plotting graphs. **Initial shape** Angles in parallel lines, constructing shapes, circles, areas and perimeters
Year 10	**Initial shape** 3D shapes and nets, transformations **Initial data** Probability, averages and spread, two way tables, Venn diagrams	**Bronze number** Fractions to decimals, comparing %, % change, rounding, HCF/LCM, index laws, operations with fractions **Bronze algebra** Graphs (gradients, real-life, quadratic), inequalities, subject of a formula, sequences	**Bronze algebra** Graphs (gradients, real-life, quadratic), inequalities, subject of a formula, sequences	**Bronze shape** Enlargements, angles in polygons, Pythagoras' Theorem, Compound units, Constructions, bounds, surface area and volume **Bronze data** Experimental probability, scatter graphs, mean from a table	**Bronze data** Experimental probability, scatter graphs, mean from a table **Silver number** Bounds, ratio and proportion Multipliers, repeated % change, reverse %, standard form, estimation **Examinations and activities week**	**Silver algebra** Forming and solving equations, factorising singles brackets, expanding double brackets.
Year 11	**Silver algebra** Factorising quadratics. Graphs (linear, quadratic, cubic, reciprocal), inequality graphs, simultaneous equations, formulae	**Silver shape** Midpoints, Pythagoras' Theorem Transformations, vectors, area/volume scale factor, circle theorems, trigonometry	**Silver data** Venn diagrams, two-way tables, tree diagrams, cumulative frequency, time series **Consolidation, revision and practice.**	**Consolidation, revision and practice.**	**GCSE examinations** 	

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