


North Durham Academy – Maths Curriculum

 NORTH DURHAM ACADEMY	Autumn Term		Spring Term		Summer Term	
	HT1	HT2	HT3	HT4	HT5	HT6
Year 7	Place value <u>Baseline assessment</u> Rounding Shapes Operations with perimeter Directed Number	Decimals Sequences Number properties and divisibility test	Operations with area Ratio Types of numbers and volume	Algebra Angles	Percentages Fractions Probability	Graphs Data Statistics End of year revision
Year 8	Number & Negatives Surface area and volume	Percentages Geometry	Algebra Standard form Interpreting data	Fractions Ratio Proportion	Circles Equations and formulae	Probability Comparing data End of year revision
Year 9	Percentages Algebra Polygons	Linear graphs Pythagoras Probability	Using data Applications of graphs Compound measures	Quadratics Fractions	Standard form & bounds Trigonometry	Linear, quadratic and cubic graphs End of year revision

Year 10	Number Fractions Statistical diagrams Sequences	Ratio and proportion Angles	Transformations, constructions and loci Algebraic manipulation	Area and volume Circles and sectors	Linear graphs Right angle triangles	Similar shapes Probability End of year revision
Year 11	Powers and standard form Equations and inequalities Higher – Accuracy, powers and surds	Quadratics Sampling Complex graphs Probability	Circle theorems Direct and inverse proportion Further trigonometry	Graphs Algebraic graphs and functions Graphs of circles Vector Geometry	Revision of (number and algebra) STC	Revision of (shape and data) STC