AURORA ACADEMIES TRUST

Mathematics – Long Term Plan

in association with Mosaica Education UK, Ltd.

propelled by PARAGON®

Year 6

	Term 1	Term 2	Term 3	Term 4	Term 5	Term 6
	Mental Calculation, Practice Estimation, problem solving, checking					
Number (including problem solving, using & applying in context) 40% of each term	• Place value • Addition and Subtraction • Multiplication and Division	• Place value • Fractions • Decimals • Percentages	• Place value • Addition & Subtraction • Multiplication and Division	• Roman Numerals • Place value • Fractions • Decimals • Percentages	• Place value • Addition and Subtraction • Multiplication and Division	• Place value • Fractions • Decimals • Percentages
Ratio and Proportion 10% of those terms		• Ratio and Proportion - Percentages				• Ratio and Proportion – scale factor
Algebra 10% of those terms	• Express missing number problems algebraically	• Formulae	• Linear Sequences			• Equations – 2 unknown or variables
Measurement 10% of those terms	• Convert Measures		• Area • Perimeter	• Formulae for Area and Volume		
Geometry 15% of those terms	• Draw 2D shapes with given angles • Building 3D shapes with nets	• Parts of a circle • Reflection	• Finding unknown angles • Translation	• Coordinates in four quadrants		
Data 15% of those terms	• Line graphs	• Mean as an average	• Pie Charts	• Pie Charts		