MATHS		
Place value & number		(blue)
Calculation		(yellow)
Measures		(orange)
Fractions & Decimals		(pink)
Geometry Properties of shapes		(purple)
Statistics		(red)
Geometry Position & direction		(brown)
Algebra		(cyan)
Ratio		(green)

Amount of Maths curriculum time allocated

Rec	
Y1	
Y2	
Y3	
Y4	
Y5	
Y6	
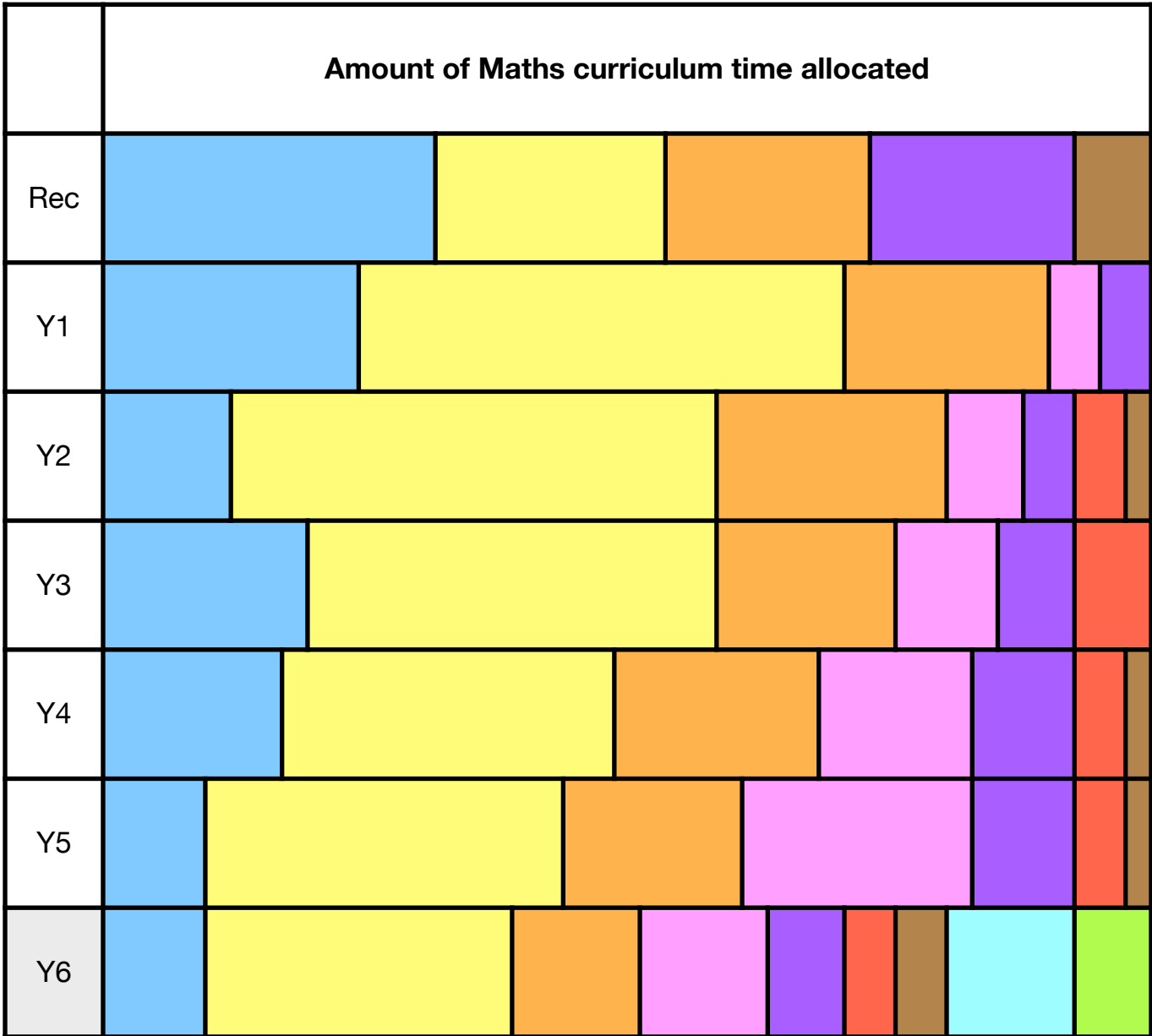
Year 6 Interleaved Curriculum

Place value & number	Calculation	Measures	Fractions & Decimals	Geometry properties of shapes	Statistics	Geometry position & direction	Algebra	Ratio

Block 1

Place value & number	Calculation	Fractions & Decimals
• Read and write numbers up to 10,000,000 and determine the value of each digit • Identify the value of each digit in numbers up to 3 decimal places • Compare numbers up to 10,000,000 and determine the value of each digit • Order numbers up to 10,000,000 and determine the value of each digit • Round whole numbers to a degree of accuracy • Round decimal numbers to 1 decimal place and whole numbers • Round decimal numbers to 2 and 3 decimal places	• Perform mental calculations for addition (compensation/counting on) • Perform mental calculations for addition (partitioning) • Perform mental calculations for subtraction (compensation/counting back) • Perform mental calculations for subtraction (partitioning) • Solve missing number multiplication grids using the inverse • Perform mental calculations for multiplication using multiples, factors, near multiples, x 4 x 8, partitioning and using known relationships	• Compare decimal numbers up to 3 decimal places • Order decimal numbers, mixed decimal place • Identify equivalent fractions

Block 2

Place value & number	Calculation	Fractions & Decimals
• Use negative numbers in context and calculate intervals across zero	• Long multiplication calculations • Long division calculations including remainders • Solve whole number problems involving all four operations real life context (with and without measures) • Solve undoing questions including all four operations • Identify common factors, multiples and prime numbers	• Use common factors to simplify fractions • Multiply and divide by 10, 100 and 1,000 giving answers up to three decimal places • Use common multiples to express fractions in the same denomination • Know the fraction, decimal percentages equivalents • Complete fraction sequences • Solve word problems involving finding percentages of numbers • Solve fraction word problem using the bar model

Block 3				
Measures	**Fractions & Decimals**	**Geometry position & direction**	**Algebra**	**Ratio**
• Use, read, write and cover between standard units of measure • Solve problems involving the calculation and conversion of units of measure	• Multiply and divide decimal numbers by whole numbers	• Describe positions on a full coordinate grid • Draw and translate shapes on a coordinate plane	• Solve simple formulae • Calculate the area of parallelograms and triangles using formulas • Calculate volume of cubes and cuboids including missing sides • Generate and describe linear sequences • Express missing numbers algebraically • Find pairs of numbers that satisfy equations with two unknowns	• Understand what ratio is and represent using the bar model • Solve ratio questions • Solve problems involving the calculation and conversion of units of measure • Solve multistep problems independently

Block 4					
Calculation	**Measures**	**Geometry properties of shapes**	**Statistics**	**Geometry position & direction**	**Algebra**
• Interpret remainders in the context of the question (worded problems)	• Calculate, estimate and compare the volume of cubes and cuboids using standard units, including cm^3, m^3 and extending onto other units mm^3 and km^3	• Compare and classify shapes based on their properties parallelogram, trapezium, 4 types of triangle, kites, SASO properties • Find missing angles in all 4 types of triangle, around a point, on straight lines and quadrilaterals • Recognise, describe and build simple 3D shapes including making nets • Name the parts of a circle and reason using this information	• Interpret tables and bar charts and answer related questions • Interpret line charts and answer related questions • Interpret pie charts and answer related questions • Find the mean of a set of data	• Complete reflections on a coordinate 3 grid	• Enumerate possibilities of combinations of two variables