Overview of being a mathematician HERONS' MOOR ACADEMY 2024-25

	TERM 1	TERM 2	TERM 3	TERM 4	TERM 5	TERM 6
YEAR 1	Previous Reception experiences and counting within 100	Comparison of quantities and part-whole relationships.	Recognise, compose, decompose and manipulate 2D and 3D shapes.	Additive structures	Numbers 0-20	Utilising and coin recognition
		Numbers 0-5.	Numbers 0-10	Addition and subtraction facts within 10	Utilising and coin recognition	Position and direction
		Recognise, compose, decompose and manipulate 2D and 3D shapes.	Additive structures	Numbers 0-20		Time
						Consolidation
YEAR 2	Numbers 10 to 100	Addition and subtraction of two-digit numbers (1)	Introduction to multiplication	Introduction to division structures	Money	Position and Direction
	Calculations within 20	Introduction to multiplication	Introduction to division structures	Shape	Fractions	Multiplication and division- doubling and halving, quotative and partitive division
	Fluently add and subtract within 10			Addition and subtraction of two-digit numbers (2)	Time	Sense of measure – capacity, volume, mass
YEAR 3	Adding and subtracting across	Numbers to 1,000	Right Angles	Column Addition	Column subtraction	Non-Unit Fractions
				2, 4, 8 times tables	Unit fractions	Parallel and Perpendicular
	10 Numbers to 1,000		Manipulating the additive relationship and securing mental calculation	Column subtraction		Time
YEAR 4	Review of column addition and subtraction	Perimeter	7 times table and patterns	Understanding and manipulating multiplicative relationships	Fractions Greater than 1	Symmetry in 2D Shapes
						Time
				Coordinates		

	Numbers to 10,000	3, 6, 9 times tables	Understanding and manipulating multiplicative relationships	Review of Fractions		Division with remainders
YEAR 5	Decimal fractions	Negative numbers	Area and scaling	Factors, multiples and primes	Fractions	Fractions
		Short multiplication and short division	Calculating with decimal fractions			Converting Units
	Money					Angles
YEAR 6	Place Value	Fractions	Number- Decimals	Perimeter, Area and Volume	Revision	Problem Solving
	Number- Four Operations	Geometry- Position & Direction	Number- Percentages	Geometry of Shapes	SATs	
			Statistics	Measurement- Converting Units	Problem Solving	
	CLF Assessment	CLF Assessment	Algebra	CLF Assessment		
			CLF Assessment			