Pupil Name: **Year Group:** **Autumn Score:** **Spring Score:** **Summer Score**

RED END OF YEAR OBJECTIVES (33)

	Number and Place Value	Mastery
	I can count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number	
	I can recognise the place value of each digit in a 3-digit number (100s, 10s, 1s) and round to the nearest 10 or 100	
	I can compare and order numbers up to 1,000	
	I can identify, show and estimate numbers using different objects, pictures, numbers and calculations	
	I can read and write numbers up to 1,000 in numerals and in words	
	I can solve number problems and practical problems involving these ideas	
	Addition and Subtraction	
	I can add and subtract numbers mentally, including: • **a three-digit number and 1s** • **a three-digit number and 10s** • **a three-digit number and 100s**	
	I can add and subtract using the column methods for up to three digit numbers e.g. HTU + HTU, HTU – TU	
	I can estimate the answer to a calculation and use inverse operations to check answers	
	I can solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction	
	Multiplication and Division	
	I can recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables	
	I can write and calculate number sentences for multiplication and division and for TU x U using my multiplication tables, mental methods and formal methods (grid method).	
	I can solve a variety of problems with the skills above, including: • scaling problems (e.g. 4 times as high/8 times as long) • correspondence problems in which n objects are connected to m objects • two step function machines • balancing sums	
	Fractions	
	I count up and down in tenths; recognise that tenths come from dividing an object into 10 equal parts and in dividing one-digit numbers or quantities by 10	
	I can recognise, find and write fractions of a set of objects: e.g. 1/3, 2/5 etc (small denominators)	
	I can recognise and use fractions as numbers (unit fractions and non-unit fractions with small denominators)	
	I can recognise and show, using diagrams, equivalent fractions with small denominators	
	I can add and subtract fractions with the same denominator within one whole [for example, 5/7 + 1/7 = 6/7]	
	I can compare and order unit fractions, and fractions with the same denominators	
	I can solve problems that involve all of the above	
	Measurement	
	I can measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g); volume/capacity (l/ml)	
	I can add and subtract amounts of money to give change, using both £ and p practically	
	I can estimate, tell and write the time from an analogue clock to the nearest minute, including using Roman numerals from I to XII, **and 12-hour and 24-hour clocks**	
	I can record and compare time in terms of seconds, minutes and hours; use vocabulary such as o'clock, am/pm, morning, afternoon, noon and midnight	
	I know the number of seconds in a minute and the number of days in each month, year and leap year	
	I can compare durations of events [for example, to calculate the time taken by particular events or tasks]	
	I can measure the perimeter of simple 2-D shapes	
	Properties of Shape	
	I can draw 2-D shapes and make 3-D shapes using modelling materials; I can recognise 3-D shapes in different orientations and describe them	
	I can recognise angles as a property of shape or a description of a turn	
	I can identify right angles and recognise that 2 right angles make a 1/2 turn; 3 make ¾ of a turn and 4 make a complete turn. I can also identify whether angles are >< than a right angle. (acute and obtuse)	
	I can identify horizontal and vertical lines and pairs of perpendicular and parallel lines	
	Statistics	
	I can interpret and present data using bar charts, pictograms and tables within a range of contexts.	
	I can solve one step and two step questions (e.g. How many more? How many less?) using information in scaled bar charts, pictograms and tables. (extend to comparison, sum and difference)	