Year Group: Autumn Score: Spring Score: Summer Score
BLACK END OF YEAR OBJECTIVES (49) Pupil Name:

∡ 6		
	Number and Place Value	Mastery
	I can read, write, order and compare numbers up to 10,000,000 and determine the value of each digit	
	I can round any whole number to a required degree of accuracy	
	I can use negative numbers in context, and calculate intervals across 0	
	I can solve number and practical problems that involve all of the above	
	Addition, Subtraction, Multiplication and Division	
	I can multiply multi-digit numbers up to 4 digits by a two-digit whole number using long multiplication	
	I can ÷ numbers up to 4 digits by a 2-digit whole number long ÷, and interpret remainders as whole numbers, fractions, or by rounding, as	
	appropriate for the context	
	I can divide numbers up to 4 digits by a two-digit number using short division where appropriate, interpreting remainders according to the context	
	I can perform mental calculations, including with mixed operations and large numbers	
	I can identify common factors, common multiples, prime numbers (up to 19), square numbers up to 144	
	I use my knowledge of the order of operations to carry out calculations involving the 4 operations	
	I can solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why	
	I can reason and solve problems involving addition, subtraction, multiplication and division	
	I can use estimation to check answers to calculations and determine an appropriate degree of accuracy	
	Fractions (including decimals and percentages)	
	I can use common factors to simplify fractions; use common multiples to express fractions in the same denomination	
	I can compare and order fractions, including fractions >1	
	I can add and subtract fractions (and decimals) with different denominators and mixed numbers, using the concept of equivalent fractions	
	I can multiply simple pairs of proper fractions, writing the answer in its simplest form [for example, $1/4 \times 1/2 = 1/8$]	
	I can divide proper fractions by whole numbers [for example, $1/3 \div 2 = 1/6$]	
	I can associate a fraction with division and calculate decimal fraction equivalents [for example, 0.375 = 3/8]	
	I can identify the value of each digit in numbers given to 3 decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to 3 decimal places I can multiply one-digit numbers with up to 2 decimal places by whole numbers	
	I can use written division methods in cases where the answer has up to 2 decimal places	
	I can recall and use equivalences between simple fractions, decimals and percentages in different contexts	
	I can solve problems which need answers to be rounded to a requested number of decimal places.	
	Ratio and Proportion	
	I can solve problems involving the relative sizes of 2 quantities and where there are missing values	
,	I can reason and solve problems where I calculate and compare percentages/fractions of quantities [e.g. 15% of 360 compared to 20% of	
	300]	
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