Bearwood Primary School
Year 6 – End of Year Expectations
MATHS

NUMBER	Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit
	Round any whole number to a required degree of accuracy
	Use negative numbers in context, and calculate intervals across zero
	Solve number and practical problems that involve all of the above

CALCULATION	Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication
	Divide numbers up to 4 digits by a two-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context
	Perform mental calculations, including with mixed operations and large numbers
	Identify common factors, common multiples and prime numbers
	Use their knowledge of the order of operations to carry out calculations involving the four operations
	Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why
	Use estimation to check answers to calculations and determine, in the context of a problem, levels of accuracy

STATISTICS	Interpret and construct pie charts and line graphs and use these to solve problems
	Calculate and interpret the mean as an average

ALGEBRA	Use simple formulae
	Generate and describe linear number sequences
	Express missing number problems algebraically
	Find pairs of numbers that satisfy an equation with two unknowns
	Enumerate possibilities of combinations of two variables

RATIO /ROPORTION	Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts
	Solve problems involving the calculation of percentages [for example, of measures, and such as 15% of 360] and the use of percentages for comparison
	Solve problems involving similar shapes where the scale factor is known or can be found
	Solve problems involving unequal sharing and grouping using knowledge of fractions and multiples