	Reception											Year 1				
KEY OBJECTIVES: Key Stage 1	Say and use the number names in order in familiar contexts	Count reliably up to 10 everyday objects	Recognise numerals 1 to 9	Use language such as more or less, greater or smaller, heavier or lighter, to compare two numbers or quantities	In practical activities and discussion, begin to use the vocabulary involved in adding and subtracting	Find one more or one less than a number from 1 to 10	Begin to relate addition to combining two groups of objects, and subtraction to 'taking away'	Talk about, recognise and recreate simple patterns	Use language such as circle or bigger to describe the shape and size of solids and flat shapes	Use everyday words to describe position	Use developing mathematical ideas and methods to solve practical problems	Count reliably at least 20 objects	Count on and back in ones from any small number, and in tens from and back to zero	Read, write and order numbers from 0 to at least 20; understand and use the vocabulary of comparing and ordering these numbers	Within the range 0 to 30, say the number that is 1 or 10 more or less than any given number	Understand the operation of addition, and of subtraction (as 'take away' or 'difference'), and use the related vocabulary

																															Know by heart all pairs of numbers with a total of 10
																															Use mental strategies to solve simple problems using counting, addition, subtraction, doubling and halving, explaining methods and reasoning orally
																															Compare two lengths, masses or capacities by direct comparison
																															Suggest suitable standard or uniform non-standard units and measuring equipment to estimate, then measure, a length, mass or capacity
																															Use everyday language to describe features of familiar 3-D and 2-D shapes
																															Count, read, write and order whole numbers to at least 100; know what each digit represents (including 0 as a place holder)
																															Describe and extend simple number sequences (including odd/even numbers, counting on or back in ones or tens from any two-digit number, and so on
																															Understand that subtraction is the inverse of addition; state the subtraction corresponding to a given addition and vice versa
																															Know by heart all addition and subtraction facts for each number to at least 10
																															Use knowledge that addition can be done in any order to do mental calculations more efficiently
																															Understand the operation of multiplication as repeated addition or as describing an array
																															Know and use halving as the inverse of doubling
																															Know by heart facts for the 2 and 10 multiplication tables
																															Estimate, measure and compare lengths, masses and capacities, using standard units; suggest suitable units and equipment for such measurements
																															Read a simple scale to the nearest labelled division, including using a ruler to draw and measure lines to the nearest centimetre
																															Use the mathematical names for common 2-D and 3-D shapes; sort shapes and describe some of their features
																															Use mathematical vocabulary to describe position, direction and movement
																															Choose and use appropriate operations and efficient calculation strategies to solve problems, explaining how the problem was solved

Year 2