Maths Progression Framework – Place Value
(Italics – Roseberry added objectives)

			Place Value - Counting			
EYFS	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
Verbally count beyond 20, recognising the pattern of the counting system. (ELG)	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.	Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward	Count from 0 in multiples of 4, 8, 50 and 100	Count in multiples of 6, 7, 9, 25 and 1000	Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000	
Count in tens forwards from 0-100	Count numbers to 100 in numerals in multiples of twos, fives and tens	*Count numbers to 100 in numerals forwards and backwards in multiples of two, fives and tens from a range of starting positions. E.G Count in 2s from 46 decreasing the number.*	*Count numbers to 100 in numerals from any starting position, in any direction in multiples of two, threes, fours, fives and tens. E.G. Count in 4s from 35.*	Count backwards through zero to include negative numbers	Count forwards and backwards with positive and negative whole numbers, including through zero	
			Place Value - Representing			
EYFS	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
Have a deep understanding of numbers to 10, including the composition of each number. Subitise (recognise quantities without counting) up to 5. (ELG)	Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least	Identify, represent and estimate numbers using different representations, including the number line	Identify, represent and estimate numbers using different representations	Identify, represent and estimate numbers using different representations		
Begin to record numerical values in numerals from 0-20 (use the number rhymes to support number formation – these are also used in Year 1)	Read and write numbers to 100 in numerals Read and write numbers from 1 to 20 in numerals and words	Read and write numbers to at least 100 in numerals and in words	Read and write numbers up to 1000 in numerals and in words	*Read and write numbers up to 100,000 in numerals and in words*	Read and write numbers to at least 1 000 000	Read and write numbers up to 10 000 000
				Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value	Read Roman numerals to 1000 (M) and recognise years written in Roman numerals	
			Place Value – Using and Comparing			
EYFS	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
Comparing quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity. (ELG)	Given a number, identify one more and one less	*Find 10 more or less than a given number*	Find 10 or 100 more or less than a given number.	Find 1000 more or less than a given number		
Begin to understand basic place value in teen number and tens (tens, units, ones)	*Identify the units and tens place value in a teens number with accuracy.*	Recognise the place value of each digit in a two-digit number (tens, ones)	Recognise the place value of each digit in a three-digit number (hundreds, tens, ones)	Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)	Determine the value of each digit in numbers up to 1 000 000	Determine the value of each digit in numbers up to 10 000 000
		Compare and order numbers from 0 up to 100; use <, > and = signs	Compare and order numbers up to 1000	Compare and order numbers beyond 1000	Compare and order numbers to at least 1 000 000	Compare and order numbers to at least 10 000 000
			Place Value – Problems and Rounding			
EYFS	**Year 1**	**Year 2**	**Year 3**	**Year 4**	**Year 5**	**Year 6**
					Interpret negative numbers in context	Use negative numbers in context, and calculate intervals across zero
				Round any number to the nearest 10, 100 or 1000	Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000	Round any whole number to a required degree of accuracy
		Use place value and number facts to solve problems	Solve number problems and practical problems involving all place value objectives	Solve number and practical problems that involve all of the above place value objectives and with increasingly large positive numbers	Solve number problems and practical problems that involve all of the above place value objectives	Solve number problems and practical problems that involve all of the above place value objectives