Maths Progression of Skills and Knowledge

	KS1		KS2			
	Year 1	**Year 2**	**Year3**	**Year 4**	**Year 5**	**Year 6**
Place Value	Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number. Count numbers to 100 in numerals; count in multiples of 2s, 5s and 10s. Identify and represent numbers using objects and pictorial representations. Read and write numbers to 100 in numerals. Read and write numbers from 1 to 20 in numerals and words.	Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward. Read and write numbers to at least 100 in numerals and words. Identify, represent and estimate numbers using different representations, including the number line. Recognise the place value of each digit in a two-digit number (tens, ones). Compare and order numbers from 0 up to 100; use <, > and = signs.	Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number. Identify, represent and estimate numbers using different representations. Read and write numbers up to 1000 in numerals and words Recognise the place value of each digit in a three-digit number (hundreds, tens and ones).	Count in multiples of 6, 7, 9, 25 and 1000. Count backwards through zero to include negative numbers. Identify, represent and estimate numbers using different representations. Read Roman numerals to 100 (1 to C) and know that over time, the numeral system changed to include the concept of zero and place value.	Count forwards or backwards in steps of powers of 10 for any given number up to 1,000,000. Count forwards and backwards with positive and negative whole numbers, including through zero. Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit. Read Roman numbers to 1000 (M) and recognise years written in Roman numerals.	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

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		Given a number, identify one more and one less.	Use place value and number facts to solve problems.	Compare and order numbers up to 1000. Solve number problems and practical problems involving the ideas above.	Find 1000 more or less than a given number. Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones) Order and compare numbers beyond 1000. Round any number to the nearest 10, 100 and 1000. Solve number and practical problems that involve all of the above and with increasingly large positive numbers.	Interpret negative numbers in context. Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000. Solve number problems and practical problems that involve all of the above.	involve all of the above.