

## Number and Place Value

Counting			
Year 3	Year 4	Year 5	Year 6
<b>KS1 recap:</b> count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number	Count backwards through zero to include negative numbers	Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers, including through zero	Use negative numbers in context, and calculate intervals across zero
<b>KS1 recap:</b> count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens  <b>KS1 recap:</b> count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward  <b>Year 3:</b> count from 0 in multiples of 4, 8, 50 and 100;	Count in multiples of 6, 7, 9, 25 and 1,000	Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000	
Find 10 or 100 more or less than a given number	Find 1000 more or less than a given number		
Comparing Numbers			
<b>KS1 recap:</b> compare and order numbers from 0 up to 100; use and = signs  <b>Year 3:</b> compare and order numbers up to 1 000	Order and compare numbers beyond 1 000	Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit	Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit

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Identifying, representing and estimating numbers			
<b>KSI recap:</b> identify, represent and estimate numbers using different representations, including the number line  <b>Year 3:</b> identify, represent and estimate numbers using different representations	Identify, represent and estimate numbers using different representations		
Reading & Writing Numbers (including Roman Numerals)			
<b>KSI recap:</b> read and write numbers to at least 100 in numerals and in words.  <b>Year 3:</b> read and write numbers up to 1000 in numerals and in words.	Read and write numbers up to 10,000 in numerals and in words.	Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit.	Read Roman numerals to 1,000 (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.
Understanding Place Value			
<b>KSI recap:</b> recognise the place value of each digit in a two-digit number (tens, ones)  <b>Year 3:</b> 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)	Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit	Read, write, order and compare numbers up to 10 000 000 and determine the value of each digit

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Rounding			
	Identify the previous and next multiple of 10, 100 or 1000 when rounding.  Use a number line to round to the nearest 10, 100, or 1,000	Round four-digit numbers to the nearest ten, hundred, and thousand.	Round any whole number to a required degree of accuracy
Problem Solving			
Use place value and number facts to solve problem.	Solve number problems and practical problems that involve all the above.	Solve number and practical problems that involve all the above and with increasingly large positive numbers.	Solve number and practical problems that involve all the above and with increasingly large positive numbers.