

Number and Place Value						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Counting						
Rote counting Rote count from 1 Rote count on from a given number between 1 and 20 Rote count back from 20 to 0 Rote count back from a given number between 0 and 20 Know what number comes before or after a given number Say a number between two given numbers Rote count beyond 20 Counting objects Understand that counting is to find out how many Use one to one correspondence when counting Understand the last number said is the number in the set Count up to 20 objects, pictures, sounds and actions Understand and use conservation of number Use the word 'zero' to represent 'none' Compare two sets of different objects saying which set is more, greater, fewer, less, same, equal Order three or more sets of objects State without counting (subitise) quantities within 5 Make a sensible guess of quantities within 10	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
	count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens	count in steps of 2, 3, and 5 from 0, and in tens from any number, forward or backward	count from 0 in multiples of 4, 8, 50 and 100;	count in multiples of 6, 7, 9, 25 and 1000		
	given a number, identify one more and one less		find 10 or 100 more or less than a given number	find 1000 more or less than a given number		
Comparing Numbers						
	use the language of: equal to, more than, less than (fewer), most, least	compare and order numbers from 0 up to 100; use <, > and = signs	compare and order numbers up to 1000	order and compare numbers beyond 1000	read, write, order and compare numbers to at least 1000000 and determine the value of each digit (appears also in Reading and Writing Numbers)	read, write, order and compare numbers up to 10 000000 and determine the value of each digit (appears also in Reading and Writing Numbers)
				compare numbers with the same number of decimal places up to two decimal places (copied from Fractions)		
Identifying, representing and estimating numbers						
	identify and represent numbers using objects and pictorial representations including the number line	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		
Reading and Writing Numbers (including Roman Numbers)						
Recognise and identify numerals 0 to 20 Select the numeral that represents a set of objects Order numerals 0 to 20	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, write, order and compare numbers to at least 1000000 and determine the value of each digit (appears also in Comparing Numbers)	read, write, order and compare numbers up to 10 000000 and determine the value of each digit (appears also in Understanding Place Value)
Represent amounts in their own ways, explaining what they mean Represent and explain their thinking in their own ways Write numerals 0 to 20			tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks (copied from Measurement)	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.	
Understanding Place Value						

Partition a set of objects in different ways using the terminology part - part - whole Explore and represent the patterns in odd and even numbers Understand that 'teen' numbers are a group of 10 plus another number Understand 20 is the same as two groups of 10 Recognise repeating patterns in the counting sequence i.e. 6, 7, 8, 9 and 16, 17, 18, 19 and 26, 27, 28, 29 etc.		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)	read, write, order and compare numbers to at least 1000000 and determine the value of each digit (appears also in Reading and Writing Numbers) <i>recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents</i> (copied from Fractions)	read, write, order and compare numbers up to 10 000000 and determine the value of each digit (appears also in Reading and Writing Numbers)
				<i>find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as units, tenths and hundredths</i> (copied from Fractions)		<i>identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100 and 1000 where the answers are up to three decimal places</i> (copied from Fractions)
	Rounding					
			round any number to the nearest 10, 100 or 1000	round any number up to 1000000 to the nearest 10, 100, 1000, 10 000 and 100000	round any whole number to a required degree of accuracy	round any number to the nearest 10, 100 or 1000
			<i>round decimals with one decimal place to the nearest whole number</i> (copied from Fractions)	<i>round decimals with two decimal places to the nearest whole number and to one decimal place</i> (copied from Fractions)	<i>solve problems which require answers to be rounded to specified degrees of accuracy</i> (copied from Fractions)	<i>round decimals with one decimal place to the nearest whole number</i> (copied from Fractions)
	Problem Solving					
		use place value and number facts to solve problems	solve number problems and practical problems involving these ideas.	solve number and practical problems that involve all of the above and with increasingly large positive numbers	solve number problems and practical problems that involve all of the above	solve number and practical problems that involve all of the above