

Number: Number and Place Value

COUNTING							
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
count to and across 100,			count backwards through	interpret negative	use negative numbers in		
forwards and backwards,			zero to include negative	numbers in context, count	context, and calculate		
beginning with 0 or 1, or			numbers	forwards and backwards	intervals across zero		
from any given number				with positive and negative			
				whole numbers, including			
				through zero			
count, read and write	count in steps of 2, 3, and	count from 0 in multiples	count in multiples of 6, 7,	count forwards or			
numbers to 100 in	5 from 0, and in tens from	of 4, 8, 50 and 100;	9, 25 and 1000	backwards in steps of			
numerals; count in	any number, forward or			powers of 10 for any given			
multiples of twos, fives	backward			number up to 1000 000			
and tens							
given a number, identify		find 10 or 100 more or	find 1000 more or less				
one more and one less		less than a given number	than a given number				
		1	G NUMBERS				
use the language of: equal	compare and order	compare and order	order and compare	read, write, order and	read, write, order and		
to, more than, less than	numbers from 0 up to	numbers up to 1000	numbers beyond 1000	compare numbers to at	compare numbers up to		
(fewer), most, least	100; use <, > and = signs		compare numbers with the	least 1 000 000 and	10 000 000 and determine		
			same number of decimal	determine the value of	the value of each digit		
			places up to two decimal	each digit	(appears also in Reading and		
			places	(appears also in Reading and	Writing Numbers)		
		DENTIFYING DEDDESENTING	(copied from Fractions)	Writing Numbers)			
IDENTIFYING, REPRESENTING AND ESTIMATING NUMBERS							
identify and represent	identify, represent and	identify, represent and	identify, represent and				
numbers using objects	estimate numbers using	estimate numbers using	estimate numbers using				
and pictorial	different representations,	different representations	different representations				
representations including	including the number line						
the number line							



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READING AND WRITING NUMBERS (including Roman Numerals)						
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
read and write numbers	read and write numbers	read and write numbers		read, write, order and	read, write, order and	
from 1 to 20 in numerals	to at least 100 in numerals	up to 1000 in numerals		compare numbers to at	compare numbers up to	
and words.	and in words	and in words		least 1 000 000 and	10 000 000 and determine	
				determine the value of	the value of each digit	
				each digit	(appears also in	
				(appears also in Comparing Numbers)	Understanding Place Value)	
		tell and write the time from	read Roman numerals to	read Roman numerals to		
		an analogue clock, including	100 (I to C) and know that	1000 (M) and recognise		
		using Roman numerals from I	over time, the numeral	years written in Roman		
		to XII, and 12-hour and 24- hour clocks	system changed to include	numerals.		
		(copied from Measurement)	the concept of zero and			
		,	place value.			
			IG PLACE VALUE			
	recognise the place value	recognise the place value	recognise the place value	read, write, order and	read, write, order and	
	of each digit in a two-digit	of each digit in a three-	of each digit in a four-digit	compare numbers to at	compare numbers up to	
	number (tens, ones)	digit number (hundreds,	number (thousands,	least 1 000 000 and	10 000 000 and determine	
		tens, ones)	hundreds, tens, and ones)	determine the value of	the value of each digit	
				each digit	(appears also in Reading and	
			find the effect of dividing on	(appears also in Reading and	Writing Numbers)	
			find the effect of dividing a one- or two-digit number by	Writing Numbers)	identify the value of each digit to three decimal places	
			10 and 100, identifying the	recognise and use	and multiply and divide	
			value of the digits in the	thousandths and relate them	numbers by 10, 100 and	
			answer as units, tenths and	to tenths, hundredths and	1000 where the answers are	
			hundredths	decimal equivalents	up to three decimal places	
			(copied from Fractions)	(copied from Fractions)	(copied from Fractions)	



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ROUNDING							
Year 1	Year 2	Year 3	Year 4	Year 5	Year 6		
			round any number to the nearest 10, 100 or 1000	round any number up to 1 000 000 to the nearest 10, 100, 1 000, 10 000 and 100 000	round any whole number to a required degree of accuracy		
			round decimals with one decimal place to the nearest whole number (copied from Fractions)	round decimals with two decimal places to the nearest whole number and to one decimal place (copied from Fractions)	solve problems which require answers to be rounded to specified degrees of accuracy (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		