

PLACE VALUE	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
PLACE VALUE: Counting	<p>Count to and across 100, forwards and backwards, beginning with 0 or 1.</p> <p>Count numbers in numerals; count in multiples of twos, fives and tens</p>	<p>Count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward</p>	<p>Count from 0 in multiples of 4, 8, 50 and 100 more or less than a given number</p>	<p>Count in multiples of 6, 7, 9, 25 and 1000</p> <p>Count backwards through zero to include negative numbers</p>	<p>Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000</p> <p>Count forwards and backwards with positive and negative whole numbers, including through zero</p>	<p>Count forwards or backwards in steps of 10 from any number up to 10 000 000</p> <p>Count forwards or backwards in steps of integers from any number up to 10 000 000</p> <p>Count forwards or backwards in decimals steps where the step size is in thousandths greater than one hundredth</p>
PLACE VALUE: Represent	<p>Identify and represent numbers using objects and pictorial representations</p> <p>Read and write numbers to 100 in numerals</p> <p>Read and write numbers from 1- 20 in numerals and words</p>	<p>Read and write numbers to at least 100 in numerals and words</p> <p>Identify, represent and estimate numbers using different representations including the number line</p>	<p>Identify, represent and estimate numbers using different representations</p> <p>Read and write numbers up to 1000 In numerals and in words</p>	<p>Identify, represent and estimate numbers using different representations</p> <p>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</p>	<p>Read, write, (order and compare) numbers to at 1 000 000 and determine the value of each digit</p> <p>Read Roman numerals to 1000 (M) and recognise year written in Roman numerals</p>	<p>Read and write, (order and compare) numbers up to 10 000 000 and determine the value of each digit</p>

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PLACE VALUE: Use PV and compare	Given a number, identify one more and one less	Recognise the place value of each digit in a two-digit number (tens and ones)  Compare and order numbers from 0 to 100; use greater than, less than and equal signs	Recognise the place value of a three-digit number (hundreds, tens, ones)  Compare and order numbers up to 1000	Find 1000 more or less than a number  Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, ones)  Order and compare numbers beyond 1000	(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 to at least 10 000 000 and determine the value of each digit
PLACE VALUE: Problems and Rounding		Use place value and number facts to solve problems	Solve number problems and practical problems involving these ideas	Round any number to the nearest 10,100 or 1000  Solve number 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	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 involve all of the above