



Wheatlands Primary School

Maths - Skills Progression (EYFS/KS1/KS2)

Number and Place Value



	EYFS Nursery Reception ELG	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Counting:	<p>Recite numbers past 5.</p> <p>Say one number for each item in order.</p> <p>Know that the last number reached when counting a small set of objects tells you how many there are in total.</p> <p>Count objects, actions and sounds.</p> <p>Count beyond ten.</p> <p>Verbally count beyond 20, recognising the pattern of the counting system.</p>	<p>Count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number.</p> <p>Count numbers to 100 in numerals; count in multiples of twos, fives and tens.</p> <p style="text-align: center;">Autumn 1 Autumn 4 Spring 2 Summer 4</p>	<p>Count in steps of 2, 3 and 5 from 0, and in tens from any number, forward and backward.</p> <p style="text-align: center;">Autumn 1</p>	<p>Count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number.</p> <p style="text-align: center;">Autumn 1 Autumn 3</p>	<p>Count in multiples of 6, 7, 9, 25 and 1000.</p> <p>Count backwards through zero to include negative numbers.</p> <p style="text-align: center;">Autumn 1 Autumn 4</p>	<p>Count forwards or backwards in steps of power 10 for any given number to up to 1 000 000.</p> <p>Count forwards and backwards with positive and negative whole numbers, including through zero.</p> <p style="text-align: center;">Autumn 1</p>	
Represent:	<p>Develop fast recognition of up to 3 objects, without having to count them individually.</p> <p>Show 'fingers numbers' up to 5.</p> <p>Link numerals and amounts.</p> <p>Experiment with their own symbols and marks as well as numerals.</p> <p>Link the number symbol (numeral) with its cardinal number value.</p> <p>Subitise up to 5.</p>	<p>Identify and represent numbers using objects and pictorial representations.</p> <p>Count, read and write numbers to 100 in numerals.</p> <p>Read and write numbers from 1 to 20 in numerals and words.</p> <p style="text-align: center;">Autumn 1 Autumn 4 Spring 2 Summer 4</p>	<p>Read and write numbers to at least 100 in numerals and in words.</p> <p>Identify, represent and estimate numbers using different representations, including the number line.</p> <p style="text-align: center;">Autumn 1</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 style="text-align: center;">Autumn 1</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 style="text-align: center;">Autumn 1</p>	<p>Read, write, (order and compare) numbers to at least 1 000 000 and determine the value of each digit.</p> <p>Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.</p> <p style="text-align: center;">Autumn 1</p>	<p>Read, write, (order and compare) numbers up to 10 000 000 and determine the value of each digit.</p> <p style="text-align: center;">Autumn 1</p>



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Use Place Value and Compare:	<p>Compare quantities using language: 'more than', 'fewer than'.</p> <p>Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then'...</p> <p>Compare numbers.</p> <p>Understand the 'one more than/one less than' relationship between consecutive numbers.</p> <p>Compare quantities up to 10 in different contexts, recognising when one quantity is greater than, less than or the same as the other quantity.</p> <p>Have a deep understanding of numbers to 10, including the composition of each number.</p>	<p>Given a number, identify one more and one less.</p> <p style="text-align: center;">Autumn 1 Autumn 4 Spring 2 Summer 4</p>	<p>Recognise the place value of each digit in a two-digit number (tens and ones).</p> <p>Compare and order numbers from 0 up to 100, use $<$ $>$ and $=$ signs.</p> <p style="text-align: center;">Autumn 1</p>	<p>Recognise the place value of each digit in a three-digit number (hundreds, tens and ones).</p> <p>Compare and order numbers up to 1000.</p> <p style="text-align: center;">Autumn 1</p>	<p>Recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones).</p> <p>Order and compare numbers beyond 1000.</p> <p>Find 1000 more or less than a given number.</p> <p style="text-align: center;">Autumn 1</p>	<p>(read, write) Order and compare numbers to at least 1 000 000 and determine the value of each digit.</p> <p style="text-align: center;">Autumn 1</p>	<p>(read, write) Order and compare numbers up to 10 000 000 and determine the value of each digit.</p> <p style="text-align: center;">Autumn 1</p>
Problems and Rounding:	<p>Solve real world mathematical problems with numbers up to 5.</p> <p>Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then...'</p>		<p>Use place value and number facts to solve problems.</p> <p style="text-align: center;">Autumn 1</p>	<p>Solve number problems and practical problems involving these ideas.</p> <p style="text-align: center;">Autumn 1</p>	<p>Round any numbers to the nearest 10, 100 or 1000.</p> <p>Solve number and practical problems that involve all of the above and with increasingly large positive numbers.</p> <p style="text-align: center;">Autumn 1</p>	<p>Interpret negative numbers in context.</p> <p>Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000.</p> <p>Solve number problems and practical problems that involve all of the above.</p> <p style="text-align: center;">Autumn 1</p>	<p>Round any whole number to a required degree of accuracy.</p> <p>Use negative numbers, in context, and calculate intervals across zero.</p> <p>Solve number and practical problems that involve all of the above.</p> <p style="text-align: center;">Autumn 1</p>

Vocabulary:	Zero (0), One (1), two (2), three (3), four (4), five (5), six (6), seven (7), eight (8), nine (9), ten (10), eleven (11), twelve (12), thirteen (13), fourteen (14), fifteen (15), sixteen (16), seventeen (17), eighteen (18), nineteen (19), twenty (20) Number, Subitise, Cardinal How many, compare Same, different More, less, fewer One more/one less Largest, smallest Order, group, show First, Second, Third Total, altogether Next, after Count, count on, count forwards Count back, count backwards Five frame, tens frame Number line, bar model Part-whole model	In addition to previous years: Digit Value Matching Is equal to = Greater than > Less than < Partition	In addition to previous years: Place value grid More Less Most Least Greatest Order Compare Partition	In addition to previous years: Hundred Hundreds Sequence	In addition to previous years: Thousands Rounding Round up Round down Negative number Positive number Roman numerals	In addition to previous years: Ten thousand/s Hundred thousand/s Million	In addition to previous years: Ten million Linear Sequence Estimate Approximately Exactly
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