

## Basic Skills in maths

Strand	F2	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
<b>PLACE VALUE</b>			<ul style="list-style-type: none"> <li>Recognise the place value of each digit in all 2-digit numbers (tens, ones).</li> </ul>	<ul style="list-style-type: none"> <li>Understand place value of units, tens, hundreds and thousands.</li> </ul>	<ul style="list-style-type: none"> <li>Recognise the place value of each digit in a 4-digit number (thousands, hundreds, tens, and ones)</li> <li>Recognize and understand decimal notation for tenths and hundredths within the context of money.</li> </ul>		
<b>MULTI</b>		<ul style="list-style-type: none"> <li>Count reliably up to 50 in multiples of 2, 5 and 10.</li> <li>Know double and halves of numbers to 10.</li> </ul>	<ul style="list-style-type: none"> <li>Know by heart the 2 and 10 times table and the corresponding division facts. E.g. <math>2 \times 4</math> is 8 so <math>8 \div 2</math> must be 4. <math>10 \times 8 = 80</math> therefore <math>80 \div 10</math> must be... etc</li> <li>Know halves and doubles up to 50.</li> </ul>	<ul style="list-style-type: none"> <li>Count in multiples of 2, 3, 4, 5, 8, 10, 50 and 100 from 0 and know corresponding division facts.</li> <li>Understand how to multiply and divide by 10 and 100 and the effect this has.</li> </ul>	<ul style="list-style-type: none"> <li>Count in multiples of 2, 3, 4, 5, 6, 7, 8, 9, 10, 25, 50, 100 and 1000 from any given number, and 10 or 100 more or less than a given number.</li> <li>Know corresponding division facts for multiplications up to <math>10 \times 10</math>.</li> <li>Know how to multiply and divide by 10 and 100 and the effect this has when moving into decimals.</li> </ul>	<ul style="list-style-type: none"> <li>Know Multiplication and division facts up to <math>12 \times 12</math>.</li> <li>Multiply and divide any positive integer up to 10,000 by 10,100 or 1000 and understand the effect.</li> </ul>	<ul style="list-style-type: none"> <li>Multiply and divide numbers with up to two decimal places by 1-digit and 2-digit whole numbers.</li> <li>Multiply numbers with at least 4-digits by a 2-digit whole number.</li> <li>Multiply and divide whole numbers and decimals mentally by 10, 100 Or 1000.</li> </ul>
<b>ROUNDING</b>					<ul style="list-style-type: none"> <li>Round any number to the nearest 10 or 100</li> </ul>	<ul style="list-style-type: none"> <li>Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 and 100,000</li> <li>Understand how to round to the nearest tenth.</li> </ul>	<ul style="list-style-type: none"> <li>Round any number to a required degree of accuracy</li> </ul>
<b>Number bonds</b>		<ul style="list-style-type: none"> <li>Know by rote number bonds to 10.</li> </ul>	<ul style="list-style-type: none"> <li>Know addition and subtraction facts for each number to 10.</li> <li>Know by rote number bonds to 20.</li> </ul>	<ul style="list-style-type: none"> <li>Know by heart all number bonds to 100 in tens, e.g. 40 and 60, 20 and 80.</li> </ul>	<ul style="list-style-type: none"> <li>Know number bonds to 100, in 2 digit form e.g. <math>64 + 36</math>.</li> </ul>	<ul style="list-style-type: none"> <li>Know number bonds to 1. Using both tenths and hundredths. E.g. 0.64 and 0.36.</li> </ul>	
<b>Read write and compare</b>	<ul style="list-style-type: none"> <li>Recognise numbers 1-20</li> <li>Find one more or one less</li> </ul>	<ul style="list-style-type: none"> <li>Find one more or one less than a number up to 50</li> </ul>	<ul style="list-style-type: none"> <li>Read and write numbers to at least 100 in numerals and in words</li> <li>Compare and order numbers from 0 up to 100; using how many...?,</li> </ul>	<ul style="list-style-type: none"> <li>Read, write and order whole numbers to 1000</li> </ul>	<ul style="list-style-type: none"> <li>Read and write numbers to at least 10,000</li> <li>Read and write negative numbers down to -10; order, count forwards and backwards with positive and negative</li> </ul>	<ul style="list-style-type: none"> <li>Read, write, order and compare numbers to at least 1,000,000 and determine the value of each digit</li> </ul>	<ul style="list-style-type: none"> <li>Read, write, order and compare numbers up to 10 million and determine the value of each digit</li> </ul>

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	than a number up to 20.		count, count (up) to, count on (from, to), count back (from, to), count in ones, twos... tens..., more, less, many, few, odd, even, every other. Etc		whole numbers through zero.		
<b>Ordering and counting</b>	<ul style="list-style-type: none"> <li>Count out loud and objects reliably up to 20*</li> <li>Place numbers to 20 in order</li> </ul>	<ul style="list-style-type: none"> <li>Count on and back from any given number up to 50. E.g. starting at 8 counting back and counting forward.</li> <li>Read, write and order all numbers to 20, using comparative language. E.g. Bigger, smaller, more, less etc.</li> </ul>	<ul style="list-style-type: none"> <li>Count in steps of 2, 3, 5 and 10, count in tens from any number, and give 10 more or less than a given number to 100.</li> <li>Arrange, read and write numbers in increasing and decreasing order up to 100.</li> </ul>	<ul style="list-style-type: none"> <li>Count on or back in hundreds. From any two or three digit number.</li> <li>Give 10 or 100 more or less than a given number.</li> </ul>	<ul style="list-style-type: none"> <li>Order and compare numbers up to 10,000</li> </ul>	<ul style="list-style-type: none"> <li>Order a set of positive and negative integers.</li> <li>Count forwards or backwards in steps of 100, 1000 or 10,000 for any given number up to 1,000,000</li> </ul>	<ul style="list-style-type: none"> <li>Order a mixed set of numbers with up to three decimal places.</li> </ul>