

## Meadgate Primary School Progression of Skills Maths

Place Value	
Counting (EYFS)	Can they verbally count beyond 20? Can they begin to recognise the pattern of the counting system?
Counting (Year 1)	Can they count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number? Can they count numbers to 100 in numerals? Can they count in multiples of twos, fives and tens?
Counting (Year 2)	Can they count in steps of 2, 3, and 5 from 0, and in tens from any number, forward and backward?
Counting (Year 3)	Can they count from 0 in multiples of 4, 8, 50 and 100? Can they find 10 or 100 more or less than a given number?
Counting (Year 4)	Can they count in multiples of 6, 7, 9, 25 and 1000? Can they count backwards through zero to include negative numbers?
Counting (Year 5)	Can they count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000? Can they count forwards and backwards with positive and negative whole numbers including through zero?
Counting (Year 6)	

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<b>Representing (EYFS)</b>	Can they represent numbers to 10 or more in a variety of ways?
<b>Representing (Year 1)</b>	Can they identify and represent numbers using objects and pictorial representations? Can they read and write numbers to 100 in numerals? Can they read and write numbers from 1 to 20 in numerals and words?
<b>Representing (Year 2)</b>	Can they read and write numbers to at least 100 in numerals and words? Can they identify, represent and estimate numbers using different representations, including the number line?
<b>Representing (Year 3)</b>	Can they identify, represent and estimate numbers using different representations? Can they read and write numbers to at least 1000 in numerals and words?
<b>Representing (Year 4)</b>	Can they identify, represent and estimate numbers using different representations? Can they 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?
<b>Representing (Year 5)</b>	Can they read, write (order and compare) numbers to at least 1 000 000 and determine the value of each digit? Can they read Roman numerals to 1000 (M) and recognise years written in Roman numerals?
<b>Representing (Year 6)</b>	Can they read, write (order and compare) numbers to at least 10 000 000 and determine the value of each digit?

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Use PV and Compare (EYFS)	<p>Can they 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>Can they match, sort and compare amounts?</p> <p>Can they say numbers that are one more, or one less, to 10?</p> <p>Can they understand that zero means none?</p>
Use PV and Compare (Year 1)	<p>Can they identify one more and one less?</p>
Use PV and Compare (Year 2)	<p>Can they recognise the place value of each digit in a two-digit number (tens and ones)?</p> <p>Can they compare and order numbers from 0 up to 100?</p> <p>Can they use &lt;, &gt; and = signs?</p>
Use PV and Compare (Year 3)	<p>Can they recognise the place value of each digit in a three-digit number (hundreds, tens and ones)?</p> <p>Can they compare and order numbers from 0 up to 1000?</p>
Use PV and Compare (Year 4)	<p>Can they find 1000 more or less than a given number?</p> <p>Can they recognise the place value of each digit in a four-digit number (thousands, hundreds, tens and ones)?</p> <p>Can they order and compare numbers beyond 1000?</p>
Use PV and Compare (Year 5)	<p>Can they read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit?</p>
Use PV and Compare (Year 6)	<p>Can they read, write, order and compare numbers to 10 000 000 and determine the value of each digit?</p>

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Place Value	
<b>Problems and Rounding (Year 1)</b>	
<b>Problems and Rounding (Year 2)</b>	Can they use place value and number facts to solve problems?
<b>Problems and Rounding (Year 3)</b>	Can they solve number problems and practical problems involving these ideas?
<b>Problems and Rounding (Year 4)</b>	Can they round any number to the nearest 10, 100 or 1000? Can they solve number and practical problems that involve all of the above and with increasingly large positive numbers?
<b>Problems and Rounding (Year 5)</b>	Can they interpret negative numbers in context? Can they round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000? Can they solve number problems and practical problems that involve all of the above?
<b>Problems and Rounding (Year 6)</b>	Can they round any whole number to a required degree of accuracy? Can they round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000 in context and calculate intervals across zero? Can they solve number problems and practical problems that involve all of the above?