

# Larkrise Primary School Progression of Skills Maths



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

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

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