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| **By the end of Reception** |
| Count backwards within 20 from any given number within 20 |
| Identify 1 more or 1 less than a given number within 20 |
| Order and compare numbers up to 20 using language ‘more’ and ‘fewer’ |

**Number Expectations at Styal Primary School**

The following tables outline the end of year expectations for children at Styal Primary School. Those children who do not meet these expectations will be supported through a numberintervention. Styal Primary currently uses Number Stacks to build upon current knowledge and fill and gaps in learning so that future learning is not compromised.

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| **By the end of Year 1** |
| Read and write numbers 1 to 20 in numerals |
| Count in multiples of 10 up to 100 |
| Count backwards in multiples of 10 within 100 |
| Read and write numbers to 100 in numerals, recognising the place value of each digit |
| Count backwards within 100 from any given number |
| Recognise number bonds to 10 |
| Recognise number bonds for numbers within 10 |
| Add single digit numbers |
| Subtract single digit numbers from numbers up to 20 |
| Double numbers up to 10 |
| Halve numbers up to 20 |
| Recognise and find half or a quarter of an object, shape or quantity |

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| **By the end of Year 2** |
| Identify 1 or 10 more or less than a given number |
| Compare and order numbers from 0-100 using <> and = signs |
| Add a pair of two-digit numbers |
| Subtract a pair of two-digit numbers |
| Use the inverse relationship to solve missing number problems |
| Calculate and write mathematical statements using the (X) and (=) signs, using tables they know |
| Calculate and write mathematical statements using the (÷) and (=) signs, using tables they know |
| Recognise, name and find 1/3, ¼, 2/4 and ¾ of a shape, set of objects or quantity |

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| **By the end of Year 3** |
| Read and write 3-digit numbers in numerals, recognising the place value of each digit |
| Find 10 or 100 more or less than a given number |
| Read and write 4-digit numbers in numerals, recognising the place value of each digit |
| Add numbers mentally, including: a three-digit number and 1s, 10s or 100s |
| Subtract numbers mentally, including: a three-digit number and 1s, 10s or 100s |
| Add numbers with 3 or more digits using a formal written method |
| Subtract numbers with 3 or more digits using a formal written method |
| Recall and use 2, 5, 10, 4, 8, 3 and 6 times tables |
| Calculate mentally 2-digit times 1-digit numbers |
| Divide numbers going beyond 12 times the number using the tables that they know |
| Find and write fractions of amounts including unit and non-unit fractions with small denominators |
| Recognise that decimals come from splitting ones into smaller parts and count up or down in tenths |
| Add numbers with one decimal place |
| Subtract numbers with one decimal place |

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| **By the end of Year 4** |
| Round any number to the nearest 10, 100 or 1000 |
| Recall and use all times tables up to 12 x 12 |
| Multiply two-digit and three-digit numbers by a one-digit number using formal written layout |
| Use known multiplication facts to calculate division with remainders |
| Add and subtract fractions with the same denominator |
| Recognise and find equivalent fractions |
| Round decimals with one decimal place to the nearest whole number |
| Recognise and count up or down in hundredths |
| Add numbers with two decimal places |
| Subtract numbers with two decimal places |
| Recognise the decimal equivalents of ¼ ½ and ¾ |

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| **By the end of Year 5** |
| Read and write numbers to at least 1 million |
| Compare and order numbers up to 1 million |
| Identify multiples and factors of a number, and use the vocabulary of common factors and prime numbers |
| Multiply numbers of up to 4 digits by a two-digit number using a formal written method |
| Divide numbers of up to 4 digits by a one-digit number using a formal method |
| Recognise mixed numbers and improper fractions and convert from one to the other |
| Use common factors to compare and order fractions |
| Add and subtract fractions with denominators that are multiples of the same number |
| Multiply and divide whole numbers and decimals by 10, 100 and 1000 |
| Recognise the % symbol and know the equivalence between common fractions, decimals and percentages |

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| **By the end of Year 6** |
| Round any number to a given degree of accuracy |
| Divide numbers of up to 4 digits by a two-digit number using a formal method |
| Use common factors to simplify fractions |
| Multiply a proper fraction by a whole number |
| Multiply pairs of proper fractions |
| Divide fractions including fractions by whole numbers, whole numbers by fractions and pairs of fractions. |
| Find percentages of amounts |