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This booklet provides information for parents and carers on the end of year Mathematics expectations for children in our school. The staff have identified these expectations as being the minimum requirements your child must meet in order to ensure continued progress throughout the following year. All the objectives will be worked on throughout the year and will be the focus of direct teaching. Any extra support you can provide in helping your children to achieve these is greatly valued. If you have any queries regarding the content of this booklet or want support in knowing how best to help your child, please talk to your child's teacher.

End of Nursery Expectations

- Uses some number names and number language spontaneously.
- Uses some number names accurately in play.
- Recites numbers in order to 10.
- Knows that numbers identify how many objects are in a set.
- Beginning to represent numbers using fingers, marks on paper or pictures.
- Sometimes matches numeral and quantity correctly.
- Shows curiosity about numbers by offering comments or asking questions.
- Compares two groups of objects, saying when they have the same number.
- Shows an interest in number problems.
- Separates a group of three or four objects in different ways, beginning to recognise that the total is still the same.
- Shows an interest in numerals in the environment.
- Shows an interest in representing numbers.
- Realises not only objects, but anything can be counted, including steps, claps or jumps.

End of Reception Expectations

- Count reliably to 20.
- Count a number of objects by pointing to/moving each one as they count.
- Recognise numbers to 20.
- Order numbers 1 - 20.
- Say 1 more and 1 less than numbers to 20.
- Add and subtract two single digit numbers.
- Form all digits 0-9 correctly.
- Know the names of the days of the week in order.

End of Year 1 Expectations

- Count to and across 100, forwards and backwards from **any** number.
- Read and write numbers to 20 in digits and words.
- Read and write numbers to 100 in digits.
- Say 1 more and 1 less than numbers to 100.
- Count in multiples of 1, 2, 5 and 10.
- Know bonds to 10 by heart.
- Use bonds and subtraction facts to 20.
- Add and subtract:
 - 1 digit and 2 digit numbers to 20, including zero.
- Add any three 1-digit numbers with a total up to 20.
- Solve simple multiplication and division with apparatus and arrays.
- Recognise half and quarter of object, shape or quantity.
- Sequence events in order.
- Know months of the year in order.
- Use language of day, week, month and year.
- Know o'clock and half past using analogue clock.

End of Year 2 Expectations

- Compare and order numbers up to 100.
- Read and write all numbers to 100 in digits and words.
- Say 10 more/less than any number to 100.
- Count in multiples of 2, 3, 5 and 10 from any number up to 100.
- Recall and use multiplication and division facts for 2, 5 and 10 tables.
- Recall and use +/- facts to 20.
- Derive and use related facts to 100.
- Recognise place value of any 2-digit number.
- Add and subtract:
 - 2-digit and 1-digit numbers (43+6)
 - 2-digit and 10s numbers (45-20)
 - Two 2-digit numbers (13+34)
 - Three 1-digit numbers (4+5+7)
- Recognise and use inverse ($14+5=19$, so $19-5=14$ or $3\times 5=15$ so 15 divided by $3=5$)
- Calculate and write multiplication and division calculations using multiplication tables.
- Recognise, find, name and write $\frac{1}{3}$; $\frac{1}{4}$; $\frac{2}{4}$; $\frac{3}{4}$.
- Recognise equivalence of simple fractions ($\frac{2}{4} = \frac{1}{2}$)
- Tell time to five minutes, including quarter past/to.
- Know months of the year in order.
- Use language of day, week, month and year.
- Know o'clock and half past using analogue clock.