



End of Year Expectations of Number Recall Facts

(Reception - Year 6)

These number recall facts are taken from the Mathematics National Curriculum for each year group. At the **end** of an academic year, children working at the expected standard should be able to recall these facts fluently.

Dear Parents,

At Leckhampton C of E Primary School, we believe mathematics is crucial to **everyday** life. It is a **creative** and **dynamic** subject which provides the solutions to some of society's most intriguing problems.

High-quality mathematics provides a **foundation** for understanding the world; the ability to reason mathematically; an appreciation of the **beauty and power** of mathematics and a sense of **enjoyment** and **curiosity** about the subject.

A mathematician at Leckhampton should develop a **resilient, challenge-embracing** approach to the subject. They should have an appreciation that the **process** of solving a problem is as important as the final solution. They should be able to **communicate** and **justify** their reasoning clearly. They should develop **fluency** of the key age-related skills so that these can be embedded and applied to the real world.

This booklet aims to support you, the parents and carers, in ensuring your children are fluent in the required number facts. I would strongly advise that you read the preceding year groups so as to ascertain what your children should be able to do.

Mr J P Seeley
Mathematics Coordinator
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These are the number facts that children are expected to recall fluently by the end of the academic year.

Reception

I can count up to 20 reliably.

I can order numbers 1-20.

I can say 1 more and 1 less than a number up to 20.

I can estimate a number of objects (up to 10) and check by counting.

Year 1

I can count up to 100 forwards and backwards from any given number.

I can count in multiples of 2, 5 and 10 from 0.

I can say 1 more and 1 less than a number up to 100.

I can recall number bonds (+ and -) to 10 off by heart

e.g. $4 + \underline{\quad} = 10$, $3 + 7 = \underline{\quad}$ and $10 - 8 = \underline{\quad}$

I can recall number bonds (+ and -) to 20 off by heart.

e.g. $14 + \underline{\quad} = 20$, $3 + 17 = \underline{\quad}$ and $20 - 8 = \underline{\quad}$

I can tell the time to the hour and half past the hour.

These are the number facts that children are expected to recall fluently by the end of the academic year.

Year 2

I can count in multiples of 3 from 0.

I can count forwards and backwards in tens from any given number.

I can recall number bonds (+ and -) up to 20 fluently.

e.g. $14 + \underline{\quad} = 19$, $3 + 4 = \underline{\quad}$ and $18 - 8 = \underline{\quad}$

I can recall doubles and halves up to 20.

I can recall the multiplication facts for the 2, 5 and 10 times tables.

I can recall the division facts for the 2, 5 and 10 times tables.

I can tell the time to the nearest 5 minutes (including quarter past and quarter to).

These are the number facts that children are expected to recall fluently by the end of the academic year.

Year 3

I can count in multiples of 4, 8, 50 and 100 from 0.

I can find 10 or 100 more or less from any given number up to 1000.

I can recall the multiplication facts for the 3, 4 and 8 times tables.

I can recall the division facts for the 3, 4 and 8 times tables.

I can count up and down in tenths.

I can read the time to the nearest minute (including the 24 hour clock).

These are the number facts that children are expected to recall fluently by the end of the academic year.

Year 4

I can count in multiples of 6, 7, 9, 25 and 1000.

I can find 1000 more or less from a given number.

I can count backwards in ones through 0 into negative numbers.

I can round to the nearest 10, 100 and 1000 for any given number.

I can recall the multiplication facts for all times tables up to 12 x 12.

I can recall the corresponding division facts for all times tables up to the 12 times table.

NOTE – Some children may require additional support in telling the time to the nearest minute (Y3), including analogue and digital times.

These are the number facts that children are expected to recall fluently by the end of the academic year.

Year 5

I can count forwards and backwards in steps of powers of 10 for any given number up to 1000,000.

e.g. counting in steps of 10, 100, 1000, 10 000 and 100 000

I can count forwards and backwards in positive and negative whole numbers through 0.

I can round any given number to the nearest 10, 100, 1000, 10 000 and 100, 000.

I can recall prime numbers up to 19.

I can find all the factor pairs for a given number.

e.g. the factor pairs for 24 are: 1 and 24, 2 and 12, 3 and 8 and 4 and 6.

These are the number facts that children are expected to recall fluently by the end of the academic year.

Year 6

I can read, write and order numbers up to 10 000 000.

e.g. counting in steps of 10, 100, 1000, 10 000 and 100 000

I can recall fraction, decimal and percentage equivalences between simple fractions.

e.g. $\frac{1}{5}$, 0.2 and 20%

I can recall common multiples and factors.

e.g. factors of 24 are: 1, 2, 3, 4, 6, 8, 12 and 24

common multiples of 7 are: 7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84