

Number Facts: Year 1

Number and place value

Pupils should be taught to:

- count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
- count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens given a number, identify one more and one less

Addition and subtraction

Pupils should be taught to:

- read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs
- represent and use number bonds and related subtraction facts within 20
- add and subtract one-digit and two-digit numbers to 20, including zero
- solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$.

Fractions

Pupils should be taught to:

- recognise, find and name a half as one of two equal parts of an object, shape or quantity
- recognise, find and name a quarter as one of four equal parts of an object, shape or quantity.

Measure

Pupils should be taught to:

- recognise and know the value of different denominations of coins and notes
- sequence events in chronological order using language such as: before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening
- recognise and use language relating to dates, including days of the week, weeks, months and years



Number Facts: Number and place value

- ✓ Know the sequence of counting in multiples of 2.
- ✓ Know the sequence of counting in multiples of 10.
- ✓ Know the sequence of counting in multiples of 5.
- ✓ Understand that:
 - $+ 1$ = 'next number' on a number line
 - $- 1$ = 'number before' on a number line

Number Facts: Fractions

- ✓ Understand that:
 - $\frac{1}{2} + \frac{1}{2} = 1$ whole
 - $\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = 1$ whole

Number Facts: Addition and Subtraction

- ✓ Know the number bonds for all numbers to 5. For example:
 - $4 + 0 = 4$
 - $3 + 1 = 4$
 - $2 + 2 = 4$
 - $1 + 3 = 4$
 - $0 + 4 = 4$
- $4 - 0 = 4$
- $4 - 1 = 3$
- $4 - 2 = 2$
- $4 - 3 = 1$
- $4 - 4 = 0$

- ✓ Know the number bonds for all numbers to 10 and the related subtraction facts.

- ✓ Know the number bonds for all numbers to 20 and the related subtraction facts. For example:
 - $10 + 2 = 12$
 - $9 + 3 = 12$
 - $8 + 4 = 12$
 - $12 - 2 = 10$
 - $12 - 3 = 9$
 - $12 - 4 = 8$

- ✓ To recognise that $10 + x =$ teen number

Always ensure that appropriate models and images are used to support children's conceptual understanding.

Number Facts: Measure

- ✓ Say the days of the week in the correct order.
- ✓ Recognise coins such as 1p, 2p, 10p, 20p.
- ✓ Apply number bond knowledge to coins (1ps, 10ps) e.g.
 - $10p + 1p = 11p$
 - $10p + 2p = 12p$
 - $10p + 3p = 13p$