# HIAS Maths Team: 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 (+) and subtraction (-) and equals (= signs
- represent and use number bonds and related
subtractions 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 equa 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 .
- Say one more or one less than any number up to 20.
- Know the number bonds and related subtraction facts for all numbers to 5

For example:

| $4+0=4$ | $4-0=4$ |
| :--- | :--- |
| $3+1=4$ | $4-1=3$ |
| $2+2=4$ | $4-2=2$ |
| $1+3=4$ | $4-3=1$ |
| $0+4=4$ | $4-4=0$ |

- 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

$$
\begin{array}{ll}
10+2=12 & 12-2=10 \\
9+3=12 & 12-3=9 \\
8+4=12 & 12-4=8
\end{array}
$$

- Recognise that 'teens' numbers comprise one ten and some ones

Hampshire



10p coins



Number line to support counting in multiples of 2


Fourteen is one ten and four ones

$$
14=10+4
$$



$$
3+1=4
$$

Tens frame with addition equation
services

