Foundation Calculation Methods
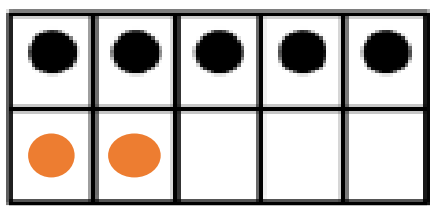
These are the methods we teach throughout Foundation in Maths. If you have any questions please come and see Miss Gutteridge
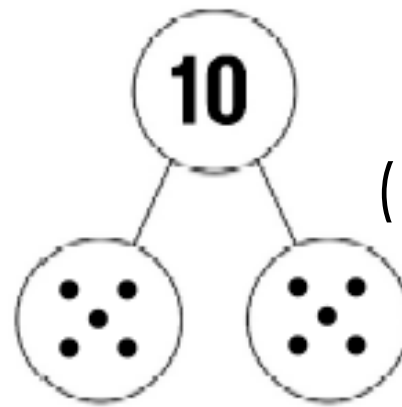
Addition

We teach addition when children are confident in understanding the value of number.

We use lots of resources before using written methods

We focus on using Tens Frames and Part Part wholes to represent addition. These pictorial methods allow children to clearly see a number
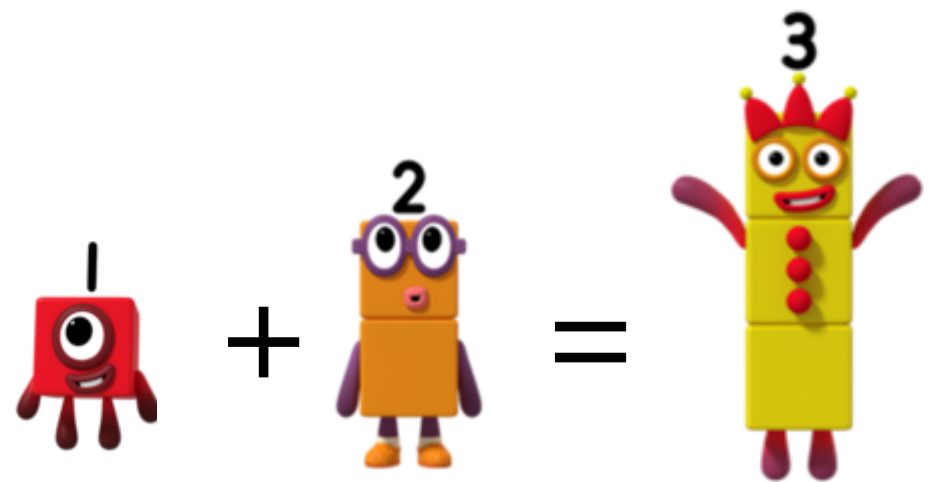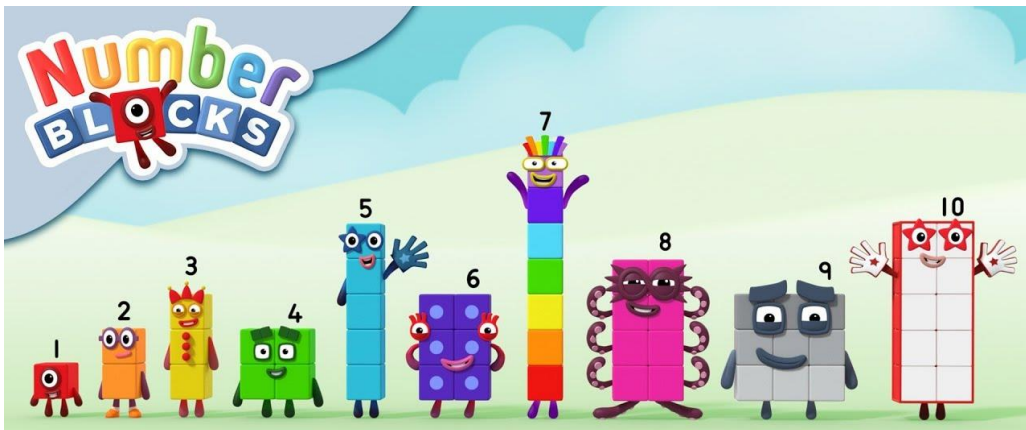
Tens Frames

(Part Part whole)

Children will also use lots of practical resources for both teacher focus activities and within continuous provision. We use 'number blocks' when calculating and use the accompanying videos to support the development of addition.
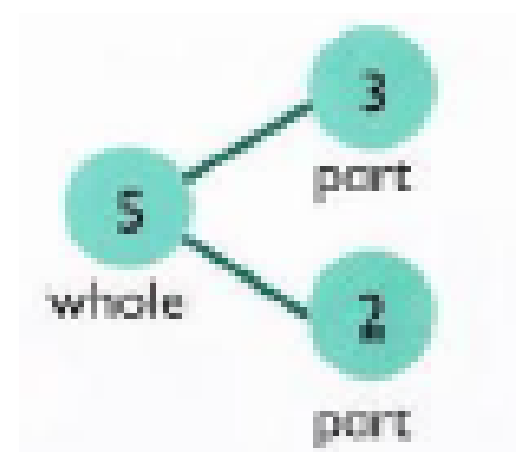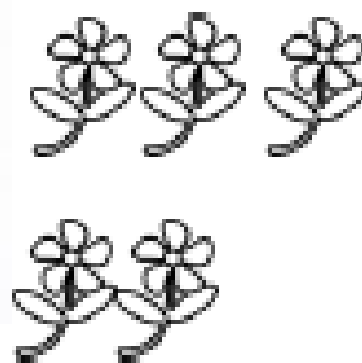
$$1 + 2 = 3$$

Children will then use practical resources to add two numbers together before moving onto drawing pictures to show addition.
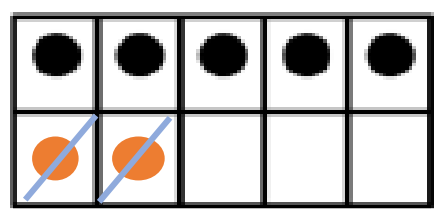
$$4 + 3 = 7$$

$$3 + 2 = 5$$

Subtraction

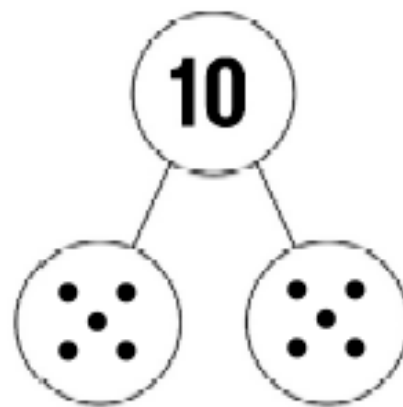We teach subtraction when children are confident in understanding the value of number.

We use lots of resources before using written methods

We focus on using Tens Frames and Part Part wholes to represent subtraction. These pictorial methods allow children to clearly see a number

Tens Frames

$7 - 2 = 5$

(Part Part whole)

Children will also use lots of practical resources for both teacher focus activities and within continuous provision. We use 'number blocks' when calculating and use the accompanying videos to support the development of subtraction.

$3 - 2 = 1$

Children will then use practical resources for subtraction- they will get an amount and physically take an amount away out of sight.
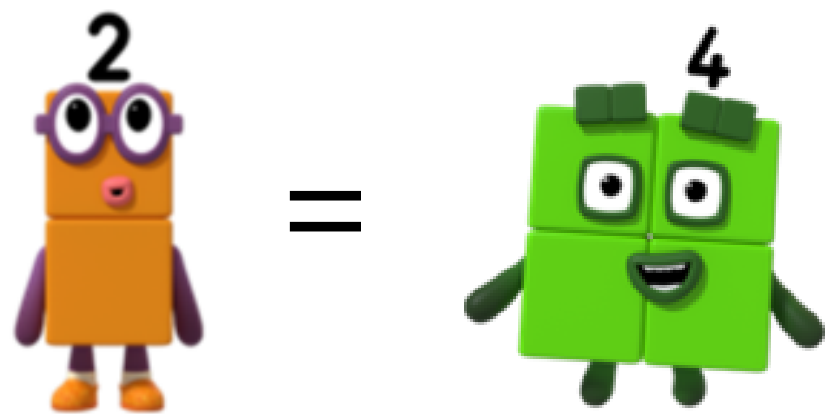
$6 - 2 = 4$

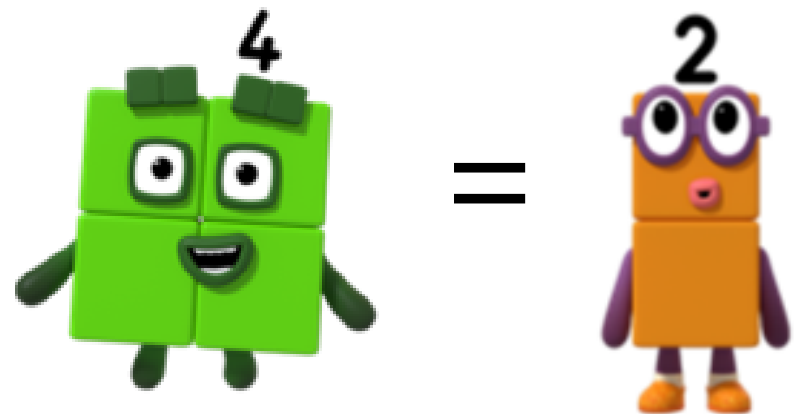Children then move onto drawing pictures and crossing an amount out.

$5 - 2 = 3$

Doubling and Halving

We use lots of practical resources to learn how to double and halve numbers. We use number blocks and their accompanying videos to support children's understanding.
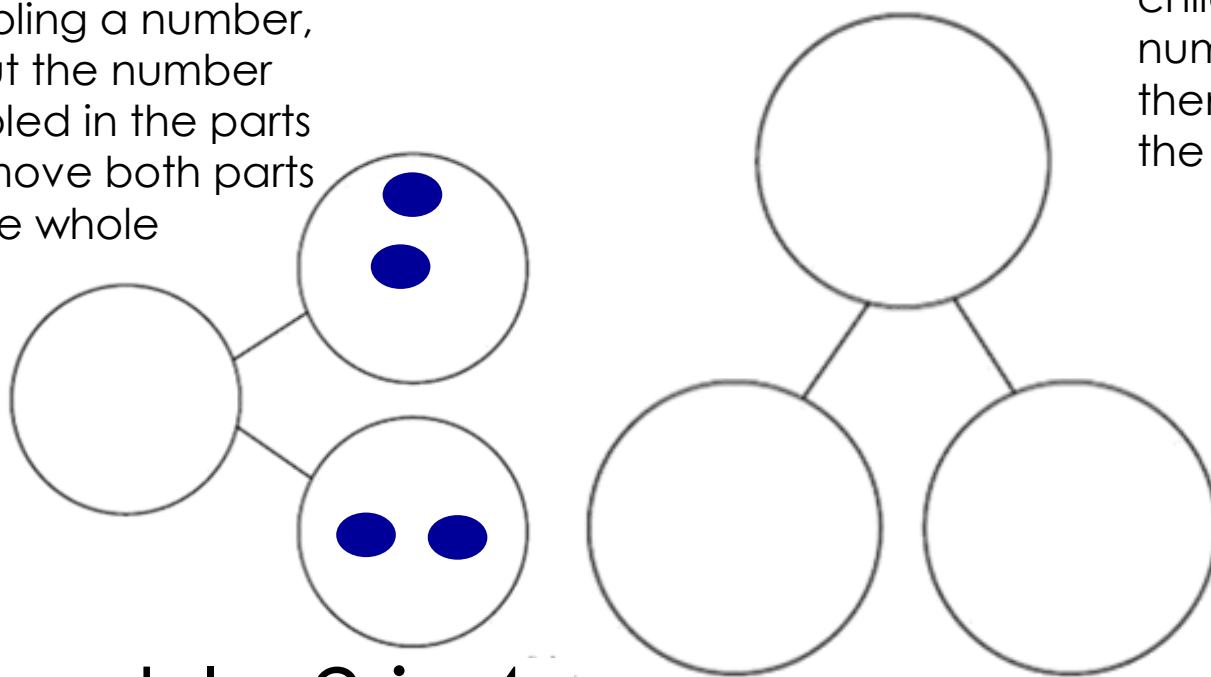
Double 2 = 4

Half 4 = 2

We encourage children not only to use the number block characters but use other blocks we have in school.
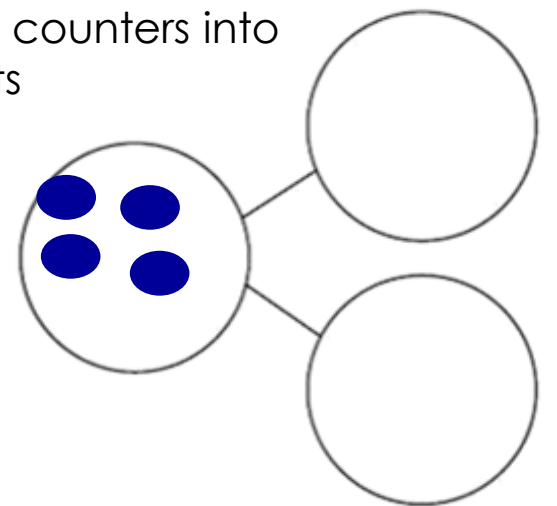
Children will then use a part part whole model to find both halves and doubles of numbers.

When doubling a number, children put the number to be doubled in the parts and then move both parts to make the whole

When halving a number, children put the whole number in the whole and then 'share' the counters into the 2 equal parts

Double 2 is 4

Half of 4 is 2

When children are ready we move into a more formal method of doubling and halving using practical resources and pictures– making sure there is the same amount in each half of the circle

Double 2 is 4

Half of 4 is 2