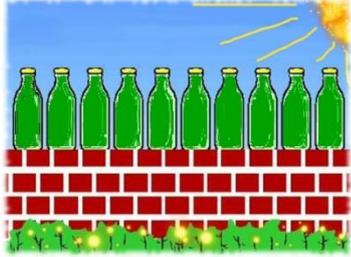




Foundation Stage Calculation Policy

Rhymes and songs

As soon as children start school, calculation is introduced in fun, meaningful ways such as songs and rhymes.



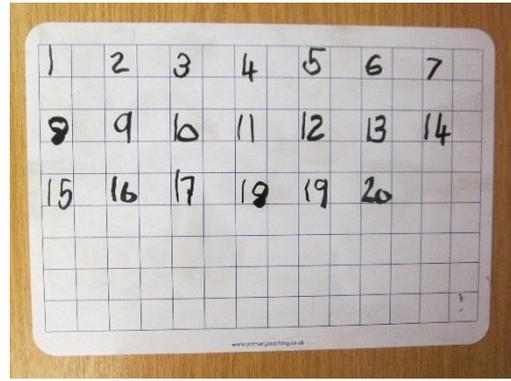
Counting

In the Foundation Stage, children are taught to count reliably with numbers from one to twenty. The children begin by counting objects accurately using one to one correspondence, understanding that the number allocated to the final object represents how many objects there are (cardinality).



Numbers

The children learn the written representation of each number and learn to read, count and order numbers. Children are also taught how to write numbers correctly.



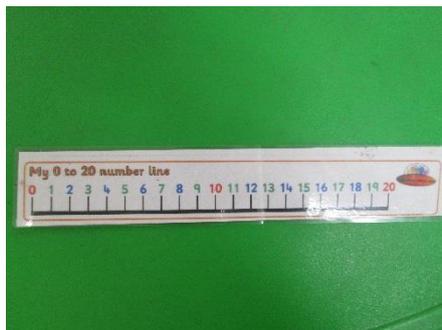
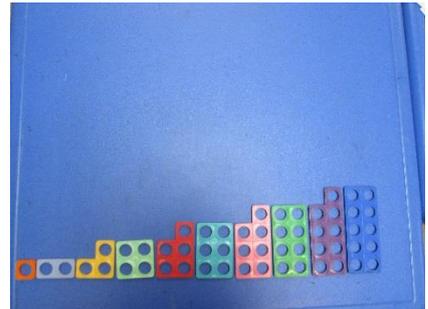
Children are taught one more and one less than numbers up to 20. Resources such as a number line, cubes or a bead string can be used.



We even learn maths outside!

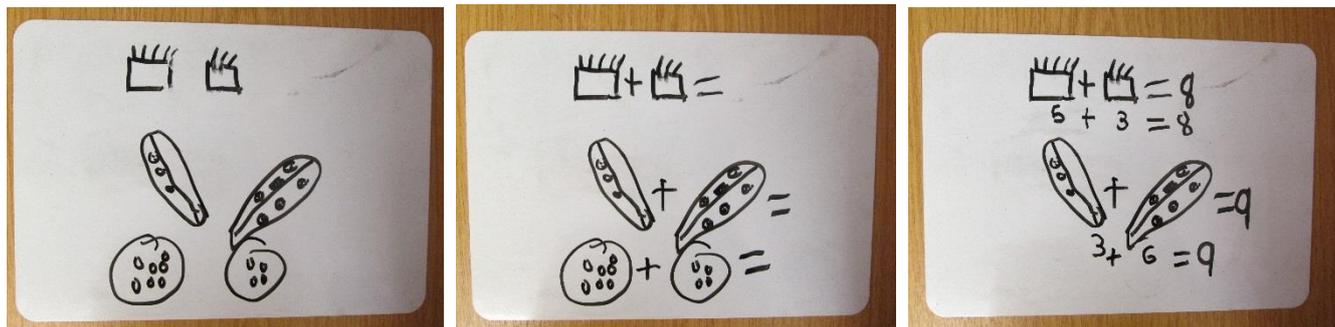
Practical Calculations

Children learn to add and subtract by counting on and back. They use practical resources to support calculation and have lots of opportunities to work practically. Resources are sometimes chosen to relate to the class topic. Below are some examples.

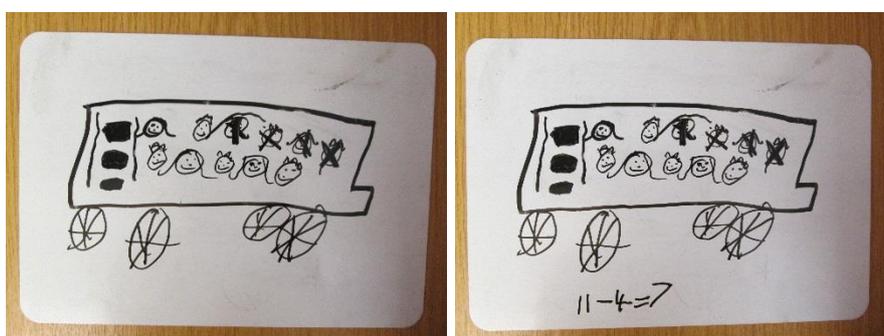


Pictorial Representations

Following on from practical calculations, children are then taught to use pictorial representations for adding and subtracting such as candles on a cake, ladybirds on a leaf, eggs in a basket or people on a bus. They are introduced to the symbols and the written number sentence.



There were 5 candles on one cake and 3 on the other. How many altogether?

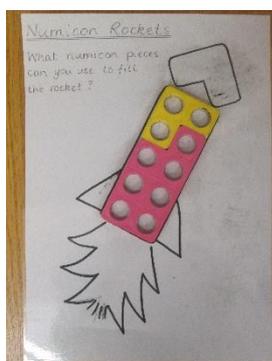


There were 11 people on a bus and 4 got off. How many people were left on the bus?

Solving Problems

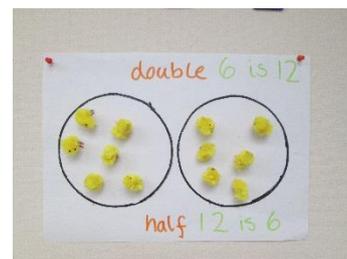
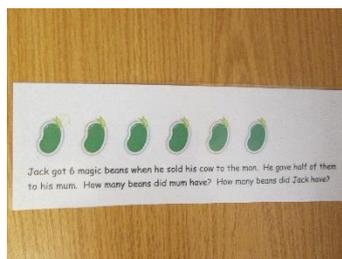
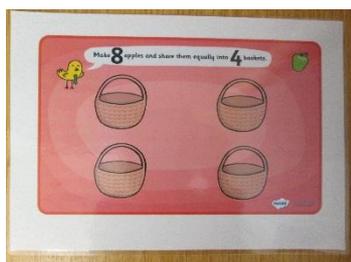
In the Foundation Stage, children are encouraged to develop their problem solving skills when calculating.

Some examples: How many different ways can you make 10 using numicon? What animals would you choose to make 12 legs altogether?



Other skills to support calculation

In Reception, children are also taught to double numbers, halve numbers and share.



Vocabulary

add, total, altogether, plus, and, together, calculation, subtract, minus, take away, difference between