

# MATHS AT EYFS STAGE

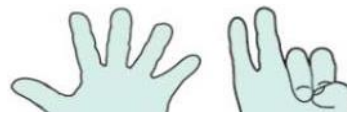
## Addition:

Children need to be able to count on from any number, combining two groups. 6 and 2 more makes 8 leading to  $6 + 2 = 8$



5 plus 3 = 8  
3 more than 5 = 8

Numicon apparatus could be used:



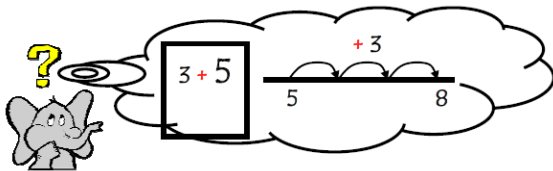
7 fingers up  
How many are down?

Children will begin to know addition facts to ten:

Children will recognise that addition can be done in any order:

$$10 = 3 + 7 \quad 10 = 7 + 3$$

Children will be able to use more efficient jumps, starting with the larger number and counting on.



## Subtraction:

Children will be able to count up or back from any number.

Children will understand subtraction as taking away.



$$7 - 3 = 4$$

Children will begin to know the inverse relationship of number facts to 10.



6 fingers up. How many are down?  
4 fingers down. How many are up?

The children are able to count back in ones on a numbered line and record their sentence as a number sentence.

$$7 + 3 = 10$$

$$10 - 3 = 7$$

$$3 + 7 = 10$$

$$10 - 7 = 3$$

The children will begin to understand the concepts of subtraction as: taking away, finding the difference, counting up, counting back

## Multiplication

Children will be able to count in groups of 2, 5 and 10.



## Division

The children will experience counting in 2s, 5s and 10s and be given opportunities to group objects in this way.



'How many twos in 8?' or '8 in groups of 2'

It is very important that the emphasis is put on 'group' and 'grouping' and 'sharing' is less prominent.



Numicon can be used to find how many smaller numicon pieces fit over a larger piece. e.g. five 2's will fit over a 10 piece.