Calculation Guidelines for Foundation Stage

Children begin to record in the context of play or practical activities and problems.

ADDITION

Children count reliably with numbers from one to 20. They place the numbers in order and say which number is one more than a given number. Using quantities and objects, they add two single digit numbers and count on to find the answer.

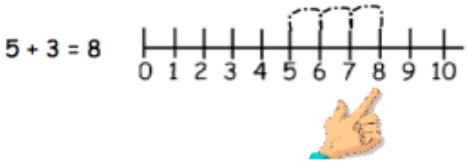
- Make a record in pictures, words or symbols of addition activities already carried out.
- Construct number sentences to go with practical activities
- Use of games, songs and practical activities to begin using and to develop vocabulary
- Solve simple word problems using their fingers, apparatus
- Relate addition to combining two groups of objects
- Counting games outdoors
- Can find one more to 20.

e.g.

5 + 1 = 6

- Counting forwards along a number line using finger.

e.g.



SUBTRACTION

Children count reliably with numbers from one to 20. They place the numbers in order and say which number is one less than a given number. Using quantities and objects, they subtract two single digit numbers and count back to find the answer.

- Make a record in pictures, words or symbols of subtraction activities already carried out
- Construct number sentences to go with practical activities
- Use of games, songs and practical activities to begin using and to develop vocabulary
- Solve simple word problems using their fingers, apparatus
- Relate subtraction to taking away and counting how many objects are left.
- Counting games outdoors
- Can find one less to 20.

- Counting backwards along a number line using finger.

MULTIPLICATION

They solve problems, including doubling.

- Count in twos; fives; tens
- Chanting in 2s, 5s and 10s.

- Using practical activities to show how to double a number, e.g. building towers of cubes
- Real life contexts and use of practical equipment to count in repeated groups of the same size
- Construct number sentences to go with practical activities
- Use of games, songs and practical activities to begin using and to develop vocabulary
- Solve simple word problems using their fingers, apparatus, e.g. making a playdough cake with double the number of cherries as a peer.

DIVISION

They solve problems, including halving and sharing.

- Count in twos; fives; tens
- Chanting in 2s, 5s and 10s.
- Using practical activities to show how to halve a number, e.g. building towers of cubes
- Real life contexts and use of practical equipment to count in/ take away repeated groups of the same size
- Construct number sentences to go with practical activities
- Use of games, songs and practical activities to begin using and to develop vocabulary
- Solve simple word problems using their fingers, apparatus

Activities might include:

- Sharing of milk/ fruit at break time
- Sharing activities in the home corner
- Sharing objects into two equal groups - record with practical apparatus, drawing pictures of shapes, e.g. 12 sheep into four fields.