

Numeracy and Mathematics Information P.1

Numbers to 10/20

- Number zoo characters introduced for numbers 0-10.
- Lots of practical experiences given to help with recognition, formation, counting and sequencing.
- Counting is an important focus to ensure children have knowledge of 1:1 correspondence.
- Lots of new language is introduced including **more, less, before, after, between, smaller and larger.**
- Later numbers to 20 are introduced using a similar format.

Addition

- Addition has a practical introduction using spots on a board (see example on table).
- Children then move onto using concrete materials (cubes and storyboard) to help complete simple addition sums.
- Number lines are also introduced to aid with independent adding.
- Words **add/and** are introduced before the symbol +.
- Number bonds are practised to recall facts with accuracy.
- New language is then introduced e.g. **how many altogether?, plus, find the sum, total.**

Subtraction

- As with addition, practical introduction where we use the words **take away** before the symbol - is introduced.
- Children use cubes/storyboards/number lines again to aid with independent subtraction.
- **Number bonds (orally) using addition/ subtraction are an ongoing homework task in primary one. Please practise addition/ subtraction bonds with your child regularly.**

Linking Facts

- Linking addition and subtraction facts (see below) helps children understand the relationship between numbers and helps to find answers mentally without concrete materials.
- $3 + 4 = 7$ so $4 + 3 = 7$
- $7 - 3 = 4$ so $7 - 4 = 3$

CLIC

This stands for **C**ounting, **L**earn Its (1+1, 2+2, 3+3, 4+4, 5+5, 1+2 and 2+3), **I**t's nothing new (eg. if 2+2 is 4 then 2 cars plus 2 cars will be 4 cars) and **C**alculation (completing tasks). As we progress into P.1, your child may come home talking about CLIC in relation to our Big Maths approaches.

Other Concepts

- Data Handling—interpret information from a graph
- 2-D/3-D shape
- Time (o'clock)
- Days of week/months/seasons
- Coin recognition
- Symmetry (one line only)
- Fractions (half)
- Length—longer, shorter, taller
- Capacity—full and empty
- Weight—heavy/light

Challenge tasks are included in number activities which increase depth of understanding for children.

