

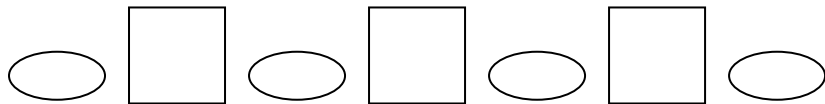
Patterns and Sequences

Your child will be copying, continuing and describing simple object patterns, using objects of different

- colour



- shape.



- Get your child to help around the house, and talk about the pattern on the wallpaper, on clothes etc
- Matching socks from the washing.... "red with red, black with black"
- Make patterns with beads, farm animals, coloured toys, crayons etc.

Children respond to activities that involve active learning in a real context. Interacting with your child by talking about maths or playing games is very worthwhile. Numbers are everywhere, on buses, on telephones, on money etc. The following suggestions can involve you and your child informally in maths activities, and make their learning enjoyable.

Some games to support mathematics are Snakes and ladders, Dominoes, Playing cards, Bingo, Connect 4 and Yahtzee.

The learning process can increasingly involve the use of computers. The following websites offer children practice and extension in using their maths skills.

www.funbrain.com/kidscenter.html

<http://www.bbc.co.uk/cbeebies/numberjacks>



Applegrove Primary Mental Maths

Early Level P1 Number

Methods of mental calculation are vital in helping children to understand number and use it well. Regular oral and mental work develops children's calculation strategies and recall skills.

Curriculum for Excellence Numeracy Targets

I have explored numbers, understanding that they represent quantities and I can use them to count, create sequences and describe order. [MNU 0-02a](#)

I use practical materials and can 'count on and back' to help me to understand addition and subtraction, recording my ideas and solutions in different ways.

[MNU 0-03a](#)

I can share out a group of items by making smaller groups and can split a whole object into smaller parts. [MNU 0-07a](#)

Range and type of numbers

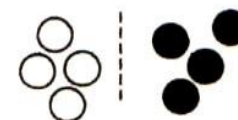
Example of Activities

- Numbers are everywhere; point them out to your child.
- Sing number songs, for example
'1, 2, 3, 4, 5 once I caught a fish alive.'
5 little ducks went swimming one day
10 green bottles hanging on the wall
- Read stories with a number content, for example
Ten in the Bed by Penny Bale (ISBN 0-7445-13401-5)
Rocket Countdown by Nick Sharrat (ISBN 0-7445-3901-3)
Abu Ali Counts His Donkeys by Dorothy O. Van Woerkom (ISBN 0-7445-6825-0)
- Children like to count things. With your child you could count stairs, buttons on clothes, toys, ducks at the park, sweets
- Try to help your child understand that the word 'one' stands for one object, two for two objects and so on. You can do this by asking them to bring you one pen, then two pens etc.

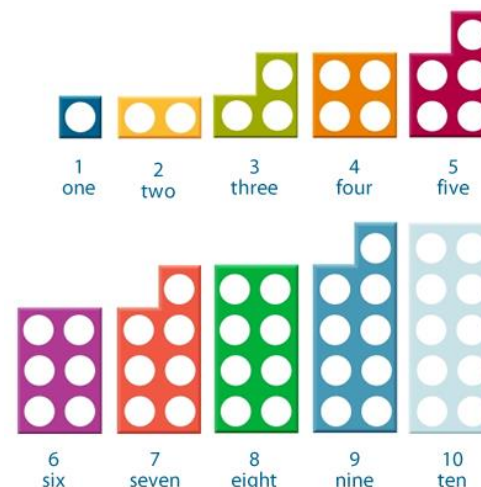
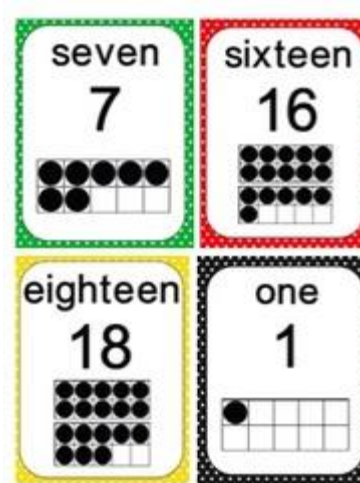
- Play 'shops' with real money at home. Demonstrate different ways to make amounts, for example $2p + 2p + 1p =$ same as 5

Fractions

- Share out objects such as counters, cake ... *'half for me and half for you'*



Ten Frames and Numicon



The children use Ten Frames and Numicon to help them to see and understand the value of numbers. The following websites will provide you with further information.

www.tenframesystem.com/home.html

www.numicon.com