

Introduction

This book is a resource book to support the teaching of number to special needs children both within and outside the class room.

These worksheets and activities link with the National Numeracy Strategy teaching programmes for each year group and help to meet the requirements of children in each year group who are not ready for Booster materials.

The sheets are ordered in units and can be used progressively or to address individual difficulties.

Children who find understanding mathematical concepts difficult, need each idea broken into smaller steps with lots of practical activities to support their learning. They often have a problem memorising facts and ideas and visualising, so find mental activities are difficult. They may also need support in following more than one instruction.

Pupils need physical experiences of a range of equipment. Items noted in the suggested activities are listed below. Teachers may provide a range of other practical equipment to support the worksheets and activities, beyond those suggested. They should adopt a multi-sensory approach including seeing and the use of visualisation, saying (singing, use of rhymes and rhythms), touching and manipulation, and listening.

The activities linked to each worksheet are introductory suggestions and can be expanded, repeated and developed according to the needs of the children. They are intended to be a guide, especially useful for teaching assistants, working under the supervision of the class teacher. The activities may take more than one session with the worksheets being completed independently or as homework.

The activities are not arranged with introduction activity, main activity and plenary, as the pupils will frequently join the main class for both introductory activity and plenary, but the first activity could be used as an introduction and the highlighted questions could form a plenary.

Other Resources

Paper;- scrap, plain, large squares, gummed, coloured

Scissors, glue

ruler,

Individual whiteboards (can be made from laminated thick white card)

Whiteboard pens

Multilink cubes

6 sided Dice (0-6 and unmarked)

Counters

10 sided dice (0-9 and 1-10)

Dienes (100 flats, 10 rods, unit cubes)

Coins (1p 2p 5p 10p)

Counting stick (Plain metre long stick which can be marked into segments)

Assorted containers (to hold water)

Paper or card shapes (square, circle, rectangle)