

# Maths

## Data Handling

### Emergent Skills

#### P6 - 7

Sort objects/pictures by given categories.

Sort objects randomly into a group from one larger group and identify/name the criteria chosen.

Match one object to one picture to record simple sets to the value of 5.

Record simple sorting activities or data e.g. circle sets, charts.

Collect information through purposeful enquiries that can be recorded (with adult support).

Identify when an object is different and does not belong i.e. identify a coin does not belong to the group of buttons.

## Pattern and Function

### Emergent Skills

#### P6 - 7

Copy a simple pattern/sequence of two elements using one criterion e.g. colour, shape, rhythm.

Recognise a sequence/pattern in a familiar situation and use object or items to respond appropriately.

Copy a simple sequence/pattern of two elements using one criterion i.e. colour, shape, size, and rhythm.

Continue a simple ABAB pattern.

Use a range of construction material.

Use a range of tools appropriately e.g., use money to buy from tuck shop.

## Shape and Space

### Emergent Skills

#### P6 - 7

Search for objects not found in their usual place.

Put shapes in shape sorter.

Traces large shapes.

Begin to explore the properties of 2-D and 3-D shapes eg. corners, straight, flat, curved, solid with adult prompts.

Begin to pick out named shapes from a collection.

Begin to understand words, signs and symbols that describe positions e.g. between, in front of, in the middle, next to, on, under, off, bottom.

Begin to respond to instructions containing direction and movement words, signs, symbols

## Measurement

### Emergent Skills

#### P6 - 7

Compare 2 different weights using balance scales with adult support.

Select a requested object from 2 where there is a clear contrast in weight.

Begin to use non-standard measures of volume with adult support - scoopfuls, spoonfuls, cupfuls etc.

Begin to use non-standard units to measure length and height.

Begin to use non-standard measures of time e.g. hand claps.

Compare contrasting volumes and describes as "full / empty / the same".

Select bigger and smaller of two objects where the difference is not great e.g., 10 cents coin and one dollar coins.

Make an object longer, and shorter on request.

Carry out activities for a length of time measured by non-standard measures.

Join in sequencing symbols / photos in time order.

Choose the appropriate word to compare sizes/weights/lengths e.g. heavy, light, long, short.

## Number

### Emergent Skills

#### P6 - 7

Demonstrate an understanding of 1:1 correspondence in everyday situations.

Aware there are too few/many for complete 1:1 matching.

Join in rote count to 5.

Count 3 objects correctly.

Count five objects by touching one at a time, arranged in a line and randomly.

Match numerals to 5.

Put out objects to 3.

Use counting in play situations e.g., counting coins and notes in shopping game.

Join in rote count to 10.

Put out objects to 5.

Recognize numerals to 5

order numerals to 5.

Match numerals to quantities.

Point out numbers in the environment.

Begin to count objects when asked "how many".

Add one more object and count how many to 5.

Take away one object and count how many to 5.

Compare two sets of objects to 5 and point to the set that is bigger/smaller.