

# Maths

## Data Handling

### Emergent Skills

#### P1 - 3

Tolerate and show reflex responses to a range of sensory experiences.

Turn head to a sound making toy or light source.

Track sound making auditory objects.

Respond to sound by looking in the correct direction.

Observe objects of the same color.

Match objects.

Put similar objects together with assistance.

Begin to place objects in groups with assistance.

Attend to adult performing actions which are invisible to the performer – patting own head / sticking tongue out.

Relate 2 objects correctly unaided e.g. drum/stick, cup/spoon.

Anticipate routine events through photos and symbols.

Combine two activities.

Begin to recognize familiar sounds.

Begin to recognize familiar places.

## Pattern and Function

### Emergent Skills

#### P1 - 3

Encounter objects that require an adult to activate e.g. pull cord /wind-up toy.

Respond to objects / adults / actions by intensifying movements.

Respond to noise from others.

Move body / limb placed on different materials to cause effect.

Relate 2 objects together simply e.g. bangs together, puts 1 inside other.

Release objects and mediums independently.

Repeat an action in order to gain a response.

Search for objects that are totally hidden with adult help.

Begin to reach out for and explore objects.

Select and shake objects deliberately to make sounds.

Search following more complex hiding.

Use hands in a variety of ways in order to produce a response.

Obtain objects that are out of reach by pulling item on a string / pulling cloth to get item placed on it.

Remember what has disappeared prior to it reappearing.

Explore the use of objects in water play.

## Shape and Space

### Emergent Skills

#### P1 - 3

Encounter objects that have visual / tactile interest placed on their body.

Bring closed hand up to object.

Take a given object.

Reach for and grasp object.

Use several strategies to explore objects e.g. look, mouth, feel, bang, smell.

Place and remove objects into/out of container with help.

Approximate stacking one object on top of another.

Experience 2-D shapes in a range of practical situations.

Experience 3-D shapes in a range of practical situations.

Experience movements up, down, forward.

## Measurement

### Emergent Skills

#### P1 - 3

Experience the weight of objects that have been placed on their body.

Place objects in a specific place.

Place and remove objects into/out of container with help.

Explore objects with marked difference in overall size.

Expose to objects bigger or smaller than oneself.

Show an awareness of events related to times of the day.

Recognize familiar routine.

Respond if routine is changed.

Experience working with an adult filling and emptying a variety of containers with a range of materials.

Experience working with an adult lifting a range of objects / materials with clear contrast in weight/length/volume

Experience working with an adult to explore a variety of lengths/weight/volume.

Experience working with adult carrying out activities/ performing actions quickly and slowly and starting and stopping abruptly.

Experience carrying out activities according to simple time vocabulary 'fast / slow, go / stop / wait', with adult

## Number

### Emergent Skills

#### P1 - 3

Encounter vision being drawn between 2 visually presented objects.

Briefly touch an object with adult support.

Locate an attractive object visually & touch then grasp with adult help.

Track moving objects.

Begin to participate with adult in reciprocal games using familiar actions or own sounds.

Take part in action rhymes.

Opportunity to hear numbers and counting.

Show an interests in hand tapped numbers.

Find an object they have watched being hidden in 2 identical places e.g. under cups.