

## Massive Outdoor Numbers

INCLU050

This set contains:  
Numbers 0 to 10 cut from Permafresh carpet.  
Storage bag  
Photocopyable worksheets



A set of truly massive numbers 0-10. Made from Permafresh matting with a non-slip rubber backing, each number is approximately 50 x 30cm. Our Permafresh® mat has an active agent in its fibres which prevents the growth of destructive bacteria, mould, mildew and fungi. This means that these numbers can be used outdoors as well as indoors. Numbers come in a storage bag.

The activities suggested are aimed at the 3 ½ - 6 year age group, giving the children the opportunity to develop and practice the basic skills necessary to understand mathematics.

The suggested activities aim to cover the following key areas:-

- Recognition and naming of written numbers
- Number sequencing
- Concept of odd and even
- Physical experience of small number adding
- Physical experience of small number subtraction

We have developed these large scale numbers to provide a fantastic tool for visual and kinaesthetic learners. It follows that concrete materials are much more important in this teaching situation as the children need to physically experience the concept taught.

General Number Line work.

### Addition

1. **Locate the first number of your addition problem on your number line and get the child to stand there.**
2. **Get the child to step on the ruler and count aloud as they walk along the ruler.** For example: for 3 + 4, stand on 3 and walk along 4 steps counting as they go.
3. **When the child stops moving ask them** "What number are you standing on?"

### Subtraction

1. **Locate the first number of your subtraction problem on your number line and get the child to stand there.**
2. **Get the child to step on the ruler and count aloud as they walk along the ruler.** For example: for 10 - 6 stand on 10 and walk along 6 steps counting as they go.
3. **When the child stops moving ask them** "What number are you standing on?"

Enclosed are photocopyable number line worksheets.

## ACTIVITY SUGGESTIONS.

### 1. NUMBER RECOGNITION

**The aim:** To teach the child to recognise and name written numbers.

What to do:

- a) Get the children to layout the number line on the floor with 0 at one end and 10 at the other. Get them to walk along the mat counting aloud as they step on that number.

### 2. ADDITION

**The aim:** To teach the child addition.

What to do:

Get the child to use the addition worksheets using the number line as described in the introduction

- a) Ask a child to stand on 0.
- b) "Now take two steps forward".
- c) "What number are you standing on?" - "2".
- d) "Now take five more steps."
- e) "What number are you standing on now?" - "7".
- f) "We say that 2 and 5 makes 7."

### 3. RULER SUBTRACTION

**The aim:** To teach the child subtraction.

What to do:

Get the child to use the subtraction worksheets using the snake number line as described in the introduction

- a) Ask a child to stand on number 10.
- b) Ask the child to turn towards 0.
- c) "Take 4 steps towards zero."
- d) "What number are you standing on now?" - "6".
- e) "We say that 10 take away 4 makes 6."
- f) "We say that 10 take away 4 makes 6."

### 4. ODD AND EVEN

**The aim:** To teach the child odd and even numbers.

What to do:

- a) Get the child to put one of the coloured discs next to the odd numbers on the ruler
- b) Get the child to put one of the coloured discs next to the even numbers on the ruler