



# Baskets

Counting reliably

Solving problems, including doubling, halving and sharing

Using everyday language to talking about size, capacity, position and distance



**Children often enjoy** putting their things in containers and sharing with friends (whether equally or not!).

**Adults could** provide an assortment of objects from around the setting that are small enough for the children to hold in their hands.

## The Activity

Place some baskets (probably 3 to 8) in the middle of a suitable space along with the objects which should be near to, but not in, the baskets.

## Encouraging mathematical thinking and reasoning:

### Describing

Tell me about what you've done.

Tell me about the things in this basket and in . . . . 's basket.

### Reasoning

How could you have more . . . in your baskets?

Have a look at . . . . 's baskets. Are they the same? (If not) What makes . . . 's different?

### Opening out

Can you find another way to put them in the baskets?

We've all got ones that look different. Could you make everyone's the same?

Would you need a different basket? (If yes) Why?

### Recording

Could you find a way of keeping your ideas for this basket, maybe on paper, or . . . . ?

Do you want to make a label?

# The Mathematical Journey

## Properties of shapes

- choosing particular baskets for particular objects having analysed the properties of the shapes involved

## Position and spatial properties

- using positional language for example on top of, next to, underneath, in front of, behind, between, left, right etc. to describe the items in the baskets and the positions of the baskets themselves

## Number

- counting and cardinality - progressing from knowing some number words, to saying one number for each object, then knowing the number of the whole group

## Development and Variation

This activity may be started with a small group of children. Once the whole class has been involved you may find some go off in a very small group of two or three to explore something similar independently.

There may be situations in the role play area that lend themselves to putting items in baskets or dishes etc.

You could suggest putting baskets inside other baskets and/or using drawstring bags of different sizes.

Introduce something too big to go in a basket and let the discussion follow.

You may find that the idea of sharing items between the baskets comes up naturally - sometimes children might share equally and sometimes not.



## Resources

A variety of different baskets (perhaps 3-8 in total)

Collections of things that you already have in your setting e.g. small world play figures, cotton reels, pegs etc.

A camera may be useful to take photos during the activity

