

## Number Book

Counting reliably with numbers from 1 to 20  
Sorting and describing



Children often enjoy collecting objects and counting them, and many love having a sticker book.

Adults could suggest creating a 'number book' when they see a child picking up one or two related objects.

### The Activity

Children are asked to collect four (or whatever number is appropriate) of a range of objects both indoors and outdoors, for example, they may choose four leaves, four stones, four play figures ... They are invited to create their own book, 'My Book of 4', by sticking the objects into a plain-paged book, where appropriate, or by sticking in photos of the objects.

### Encouraging mathematical thinking and reasoning:

#### Describing

Tell me what you are looking for.  
Tell me about these things you've collected. Tell me about your book.

#### Reasoning

Do you need any more? How do you know?  
Have you got enough? How do you know?  
Have you got too many? How do you know?

#### Opening Out

Provide further opportunities for children to do similar activities in different environments, on forest visits, in the playground, in the school garden, in the PE store ...

#### Recording

Will you keep that/them for your book?  
How shall we put them in your book?  
Could we draw/take a picture of these things for your book?

#### Same and different:

Will you keep that/them for your book?  
How shall we put them in your book?  
Could we draw/take a picture of these things for your book?

### Resources

Simple plain-paged scrap books

Glue/paste

A variety of collections of objects in your setting, some of which may be present all the time, some of which may be introduced for shorter periods

An outdoor space

A camera will be useful to take photographs of the items that can't be stuck into the books