



# MATHEMATICS



**N.S. Yr. 1 P.90**

**Collect, sort and organise information**

## Equipment

Paper, pencil, ruler

Cubes, dice, coins, matchbox or similar container

# MathSphere

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## **Concepts**

In year one children should be involved in a good deal of collecting, counting and sorting.

Making a list is introduced, this can be a 'closed' list such as the days of the week, or a more 'open' list, such as names with 5 letters.

Whilst the problems on the worksheets have been given to the children, (such as how many 1p pieces fit in a matchbox?) they should also be encouraged to make up their own problems to solve. Questions such as:

'How can we find out the answer?'

and

'How can we show the answer in an organised way?'

should also be encouraged.

At this stage a simple table of results is usually the best way to show results in an organised way. Once the results have been written down then oral questions should be asked, such as:

Who got the most cubes in their hand?

Who got the least?

How many more cubes did A hold than B ? etc.

This is vital practice at an early age, as many older children find it difficult to comment on their results and investigations.

Names beginning with D

Hi!

My best friend's name is  
Darren.

How many names can you think  
of that begin with D.

Write them in the shapes below.



D

D

D

D

D

D

D

D

**First names**

Abi                      Ajit                      Alec                      Ali  
         Amy                      Andrew                      Ann                      Anna  
Anthony                      April                      Ashley                      Austin

Make a list of all the names which have 3 letters in them:


Make a list of all the names which have 4 letters in them:


### First names

Dale	Damon	Darren	David
Dawn	Delia	Della	Derek
Dilly	Dion	Don	Donna

Make a list of all the names which have 5 letters in them:

[illegible]

### Days of the week



Can you make a list of all the days of the week?

[illegible]

**Make a list**

**Make a list of as many fruits as you can think of.**



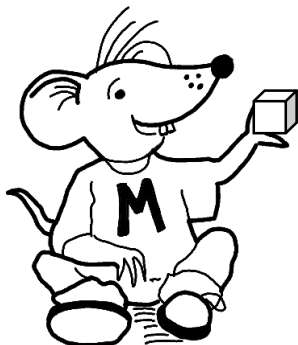

**Make a list**



**Make a list of as many vegetables as you can think of.**

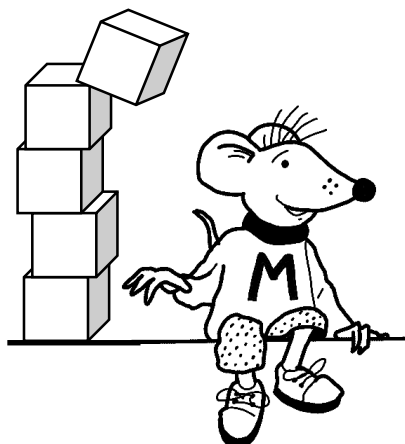





**Cubes in your hand**

How many cubes can you hold in your hand?  
Ask 5 of your friends.  
Write down the number they can hold.

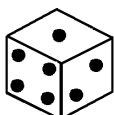
<b><u>Name</u></b>	<b><u>Number of cubes</u></b>

**How many cubes?**

How many cubes can you balance on top of each other, before they fall down?

**Have three goes at this.  
Record your best score in the table below.  
Now let five of your friends try.**

<b><u>Name</u></b>	<b><u>Number of cubes</u></b>

**Roll a die**

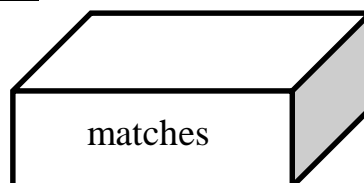
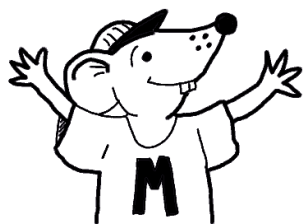
Roll a die.  
Record your score.  
Do this 3 times.  
Record your friends  
scores.

Name	Roll 1	Roll 2	Roll 3
My score			

Did anyone roll a 1?

Did anyone roll two sixes?

What else can you say about the results?

Coins in a matchbox

**How many coins can you fit in a matchbox?**  
**Start with 1p coins. Then try 2p coins. Then try 5p coins.**  
**You could also try 10p, 20p and 50p coins.**  
**Record your results below.**

Coin	Number in matchbox
