



# MATHEMATICS



**N.S. Yr. 2 P.91**

**Collect, sort and organise information**

## Equipment

Paper, pencil, ruler

Yoghurt pot, marbles, cubes, buttons, bottle tops etc

# MathSphere

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## **Concepts**

The work on collecting, sorting and organising information is very similar to that of year one.

Lists are continued, using larger numbers, odd numbers etc, such as make a list of the even numbers between 20 and 40. The children should also be able to generate their own lists of cars, sweets etc, especially when this fits in with other areas of the curriculum.

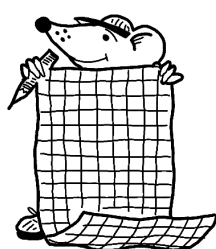
Questions can be asked, such as 'how many cubes will fit in a cup?' and the children should be able to respond to the question with a plan of action - how they can find out, what equipment they need, how they can display their results.

Some data is included eg letters of the alphabet, but it is better if the children can collect their own data wherever possible.

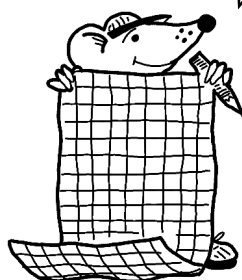
Once again, one of the most important aspects of this work is to ask questions about the data displayed - what is the most common?..... how many have? How many have not?.... etc

**Making lists**

Can you make a list of all the odd numbers up to 30?  
Write them down in the box below.



Now can you make a list of all the even numbers up to 30?  
Write them down in the box below.



Odd numbers

Even numbers



### Making lists

Can you make a list of animals with four legs?

Animals with four legs

Can you make a list of animals with two legs?



Animals with two legs

List the months of the year in the table below.

[illegible]

**Are names with 5 letters the most popular?**

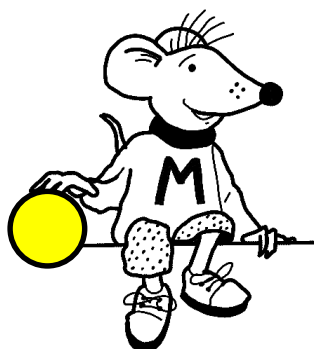
Below is a list of all the children in my class.  
Write down all the names which have five letters.

Alex      Bill      Cara      Debbie      Ellen  
Fazin      Gita      Henry      Iris      Jenny  
Kim      Lee      Mike      Neeta      Olga

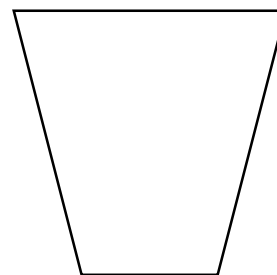
Sort the names out into the table below:

3 letter names	4 letter names	5 letter names	6 letter names

Can you try this with your class?

**What can you fit into a yoghurt pot?**

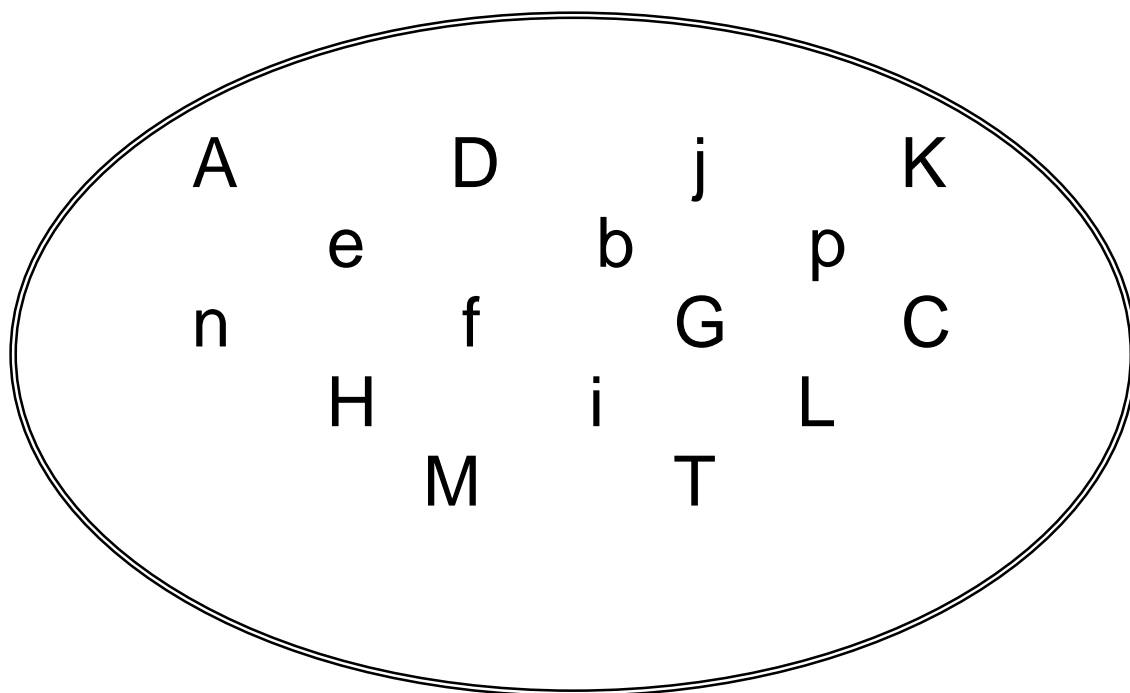
How many marbles can you fit into a yoghurt pot?



You can also try other things,  
like cubes, buttons and bottle  
tops.  
Record your results below.

Item	Number
Marbles	
Cubes	

**Letters of the alphabet**



**Above are some letters of the alphabet.**

**Some are capitals and some are small.**

**Sort them out into two groups and put the letters in the correct circle.**

Capital letters

Small letters



The alphabet

A B C D E F G H I  
J K L M N O P Q R  
S T U V W X Y Z



Some capital letters of the alphabet are made up only of straight lines - like A and E.

Others have curves - like C

Put each letter of the alphabet in the correct circle.

Capital letters with straight lines only.

Capital letters with curves