

I can show information in a frequency table and use a frequency table to find information.

Example

The ages of children in a basketball club

10 9 8 10 9 10 11
8 10 11 9 10 8 10
9 10 10 8 11 10 9
10 11 9 10 8 9 10

A frequency table showing the ages.

Ages	No. of children
8	5
9	7
10	12
11	4

A

The children in a class voted for their favourite type of potatoes. The frequency table shows the results.

Potatoes	Votes
Boiled	3
Jacket	6
Mashed	4
Roast	7

- 1 What was the most popular type of potato?
- 2 What was the least popular?
- 3 How many children voted for jacket potatoes?
- 4 Which type of potato was voted for by 4 children?
- 5 How many more children chose roast potatoes than mashed?
- 6 How many children voted?

B

Class 3 chose the new colour for their classroom walls. They chose from blue, cream, green, white and yellow. These are the results of their vote.

B Y W C Y B C
Y G C Y W C B
C W C B C Y C
B C Y G Y W C

- 1 How many children voted?
- 2 Make a frequency table to show the results.
- 3 Check that the numbers of voters in your table adds up to the number of children who voted?
- 4 Which two colours were:
a) the most popular
b) the least popular?
- 5 How many more children voted for:
a) cream than blue
b) yellow than white?

C

For a playtime snack Year 3 can bring one fruit to school from a list of apples, bananas, cherries, grapes and oranges. On one day these were the fruits brought.

G B C A G B O A
A O A B C O G B
C A B G A B A O
A G O B G O C A
G A B C B A O G

- 1 How many children brought fruit?
- 2 Make a frequency table to show how many of each fruit were brought to school.
- 3 Check that the sum of the numbers in your table matches the number of children who brought fruit.
- 4 How many fewer children brought an orange than an apple?