

Year 3 Statistics

Bar Charts

Key Vocabulary

pictograms

tally chart

block diagram

category

sorting

totalling

comparing

table

bar chart

horizontal

vertical

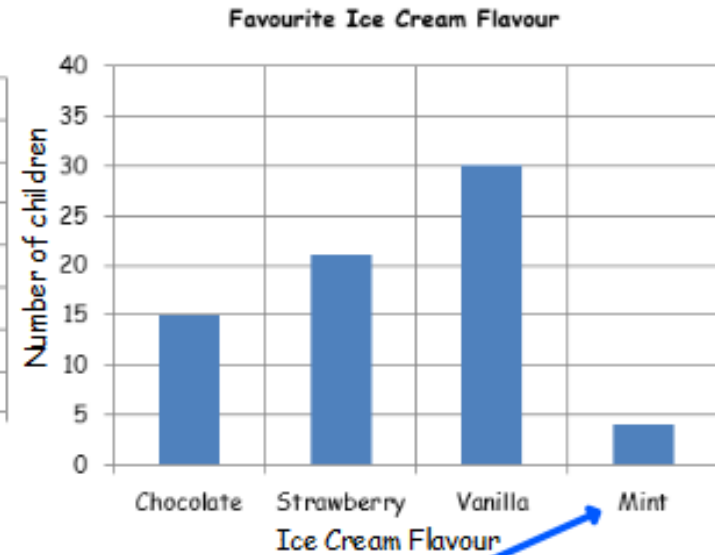
Bar charts are used to represent data. They can also have different scales depending on the range of the data.



The scale of this bar chart goes up in 2s. The scale of this bar chart goes up in 5s.



The bar for Friday is half way between 8 and 10, which means 9 ice creams were sold that day.



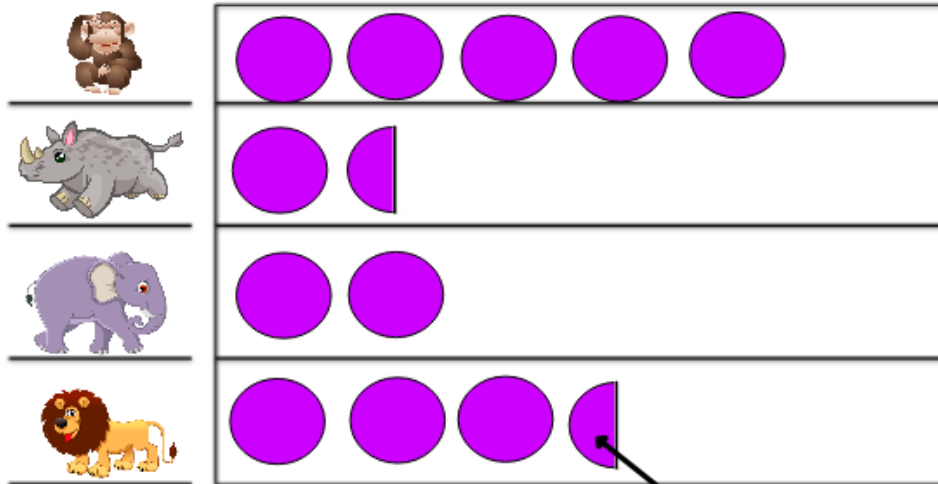
The bar for mint is just below 5 on the chart, which shows that 4 people chose this flavour.




Pictograms

Animals at the Zoo

This pictogram uses one symbol to represent 4 animals, which is shown below in the key.



Key  = 4 animals

This pictogram shows that there are 20 monkeys at the zoo.

$$4 \times 5 = 20$$

To represent 2 animals, half a symbol has been drawn here as a full symbol is 4 animals. Therefore, there are 14 Lions at the zoo.



Tables

The title and the headings help you to understand the data presented in the table.



Headings



Table Showing Ice Cream Prices

Title



Size	Cone	Sundae
Small	£1.50	£2.50
Medium	£3.00	£4.00
Large	£4.00	£5.50

Questions asked from this table might include:

- How much would a small and a medium cone cost altogether?
- How much change would you get if you bought a small sundae and a large cone and paid with a £10 note?
- What is the difference in price between a large and a medium cone?

