

Year 4 Statistics

National Curriculum Aims.

- To interpret and present discrete and continuous data using appropriate graphical methods.
- To solve comparison, sum and difference problems.

Key Vocabulary

database	a large amount of information stored in an organised way.
questionnaire	a set of questions used to collect data.
Bar line graph	A bar chart where the bars are drawn as lines.
outcome	The information gathered from data that has been recorded.
axis/axes (plural)	The horizontal or vertical line on a graph.
interpret	To explain and to describe something.
frequency	The number of times something happens.
survey	This involves collecting data so it can be displayed and interpreted.
data	A set of numbers or information that can be collected, measured or recorded.

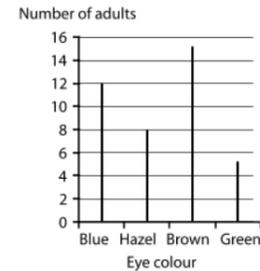


Home Learning

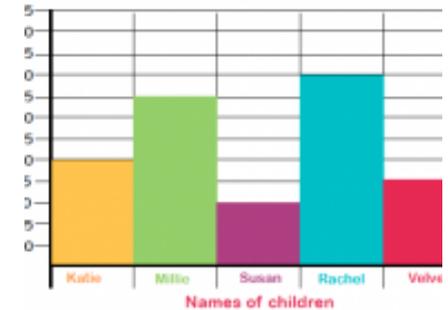
- When you're in the car you could record how many cars you see in different colours and record in a bar chart.
- Tally the birds you see in your garden.

Core Knowledge and Representations

Bar line graph



Bar chart



Tables

Recording Data

- All measurements in an investigation need to be recorded:

Table 1.- Hours of sunlight and plant growth in 7 days

- Data table
- Chart
- Notebook

Plant	Hours/day	Growth (cm)
1	6	3
2	4	7
3	2	4
4	1	1
5	0	1

Line Graphs

