

What is a bar chart?

A **bar chart** displays information (data) using rectangular bars of equal width and differing heights.

The bars can be displayed vertically or horizontally.

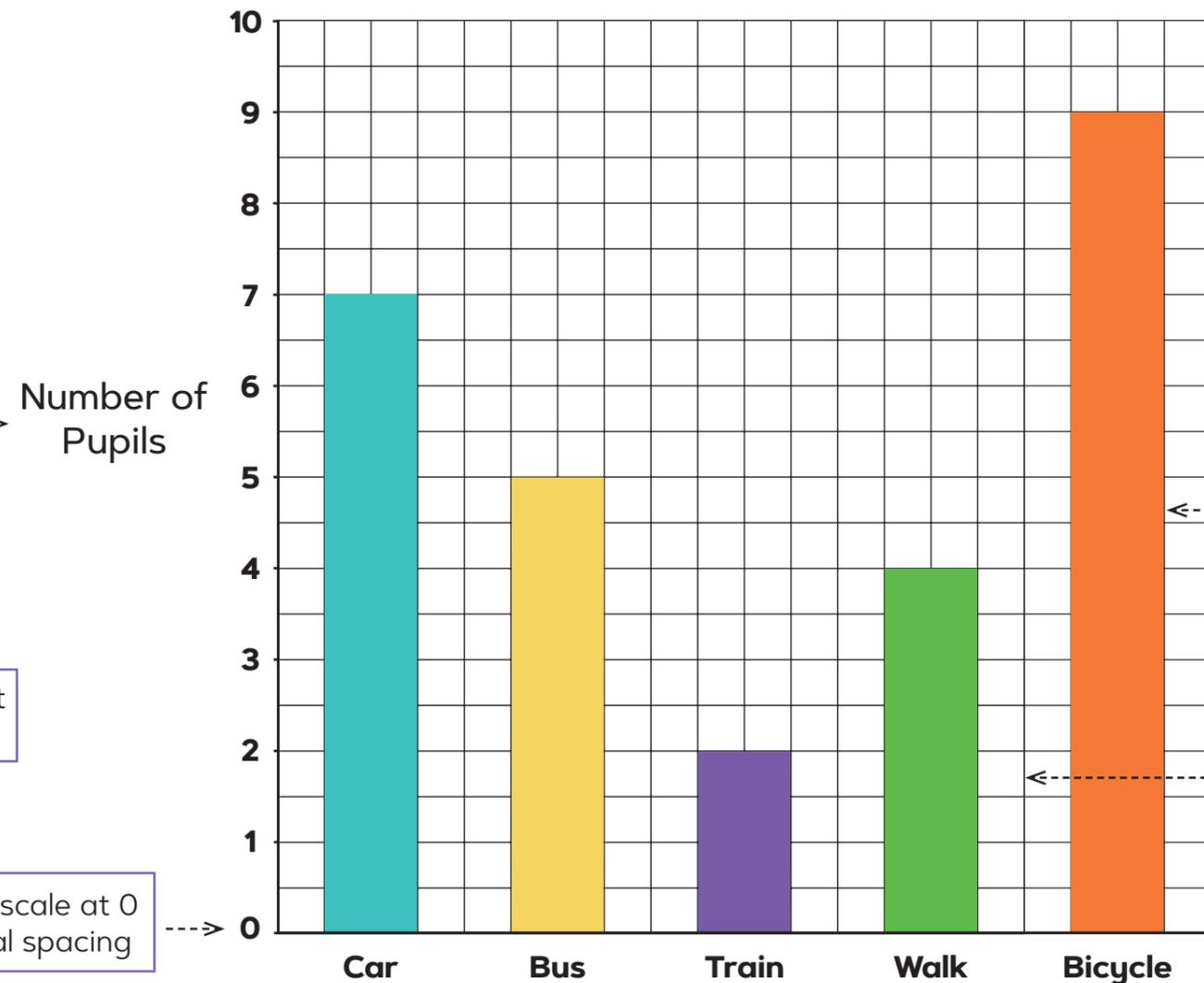
Why use a bar chart?

We use a **bar chart** to effectively compare categories of data. These categories can be **qualitative** or **quantitative**.

Bar charts are commonly used in business and the media to display data.

How to draw a bar chart

How Pupils Get To School



Both axes must be labelled

Start the scale at 0 with equal spacing

Types of Data

Qualitative data is non-numerical, for example hair colour or method of transport.

Quantitative data is numerical.

Bars have an equal width

Bars must have gaps between them of equal width

Level 3

Complete a bar chart, where the axes are given: label the axes, include a scale and draw the missing bars.

Level 4

Construct a bar chart by drawing and labelling axes and drawing the bars. **(Axes are not given.)**

What is a bar chart?

A **bar chart** displays information (data) using rectangular bars of equal width and differing heights. Depending on the comparison you are making, the bars will be displayed horizontally or vertically.

Why use a bar chart?

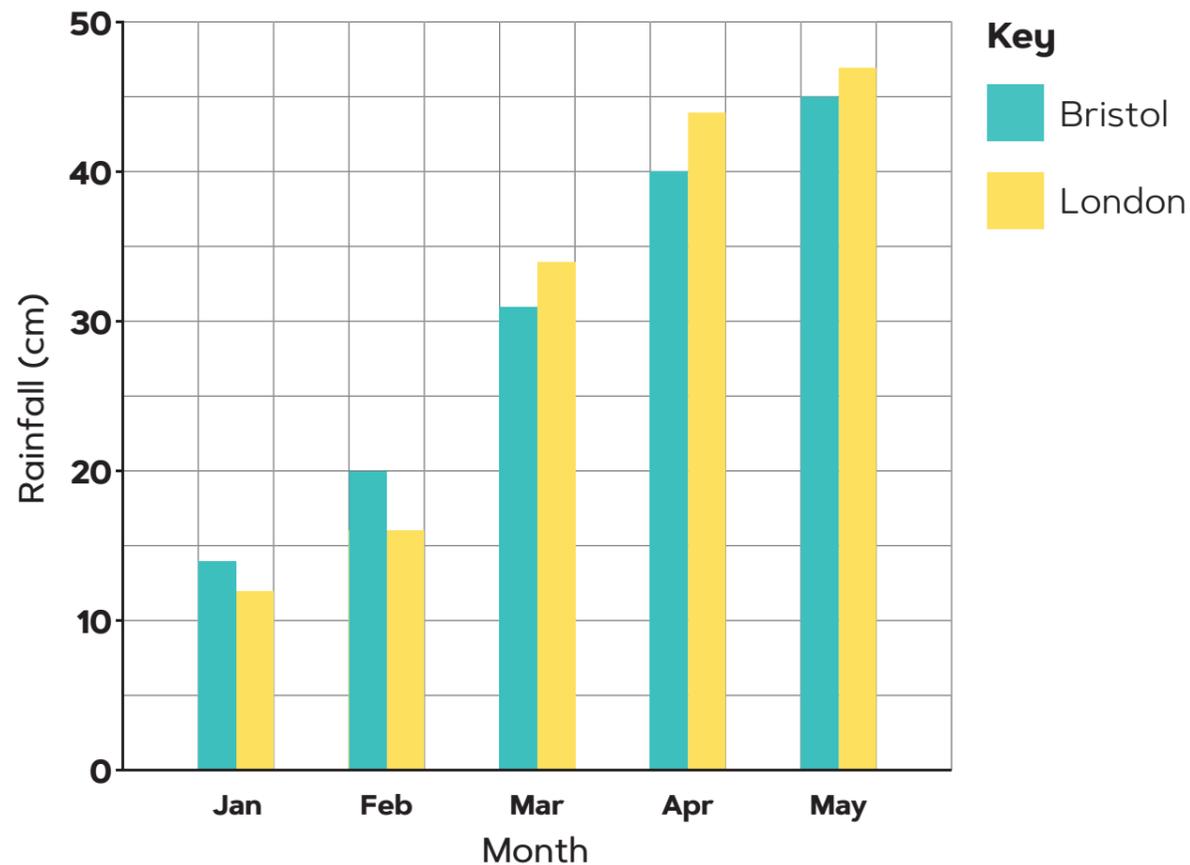
We use a **bar chart** to effectively compare categories of data. These categories can be **qualitative** or **quantitative**.

Bar charts are commonly used in business and the media to display data.

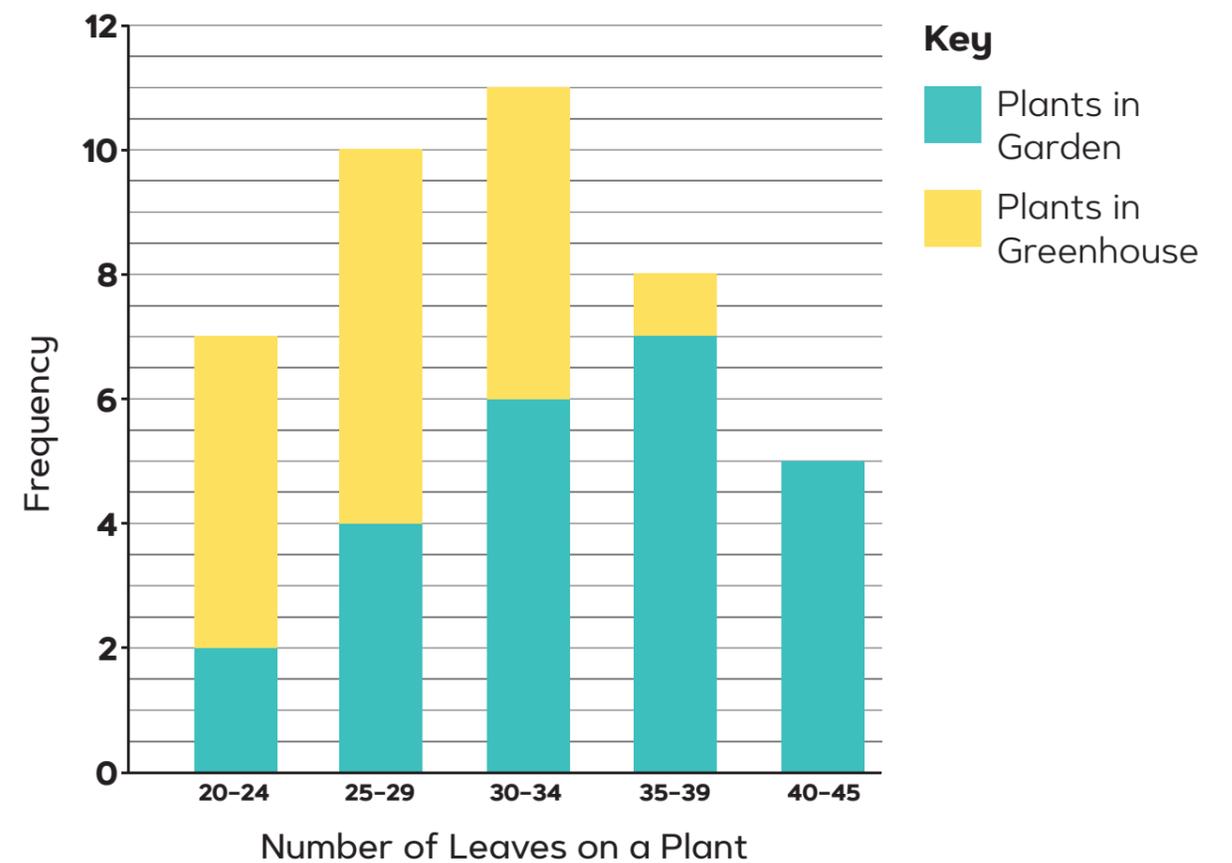


How to draw bar charts

Dual Bar Chart Average Monthly Rainfall



Stacked Bar Chart Plant Growth: Inside versus Outside



Level 5

Construct a dual or stacked bar chart by drawing and labelling axes and drawing the bars. Also include a key.

Dual and **stacked** bar charts can be used to compare two or more sets of data.

A key **must** be included for both dual and stacked bar charts.