

## B Construct a bar graph from a given set of data

The following table shows the number of pupils and their favourite subjects. Construct a bar graph based on the data given.

Favourite subject	Number of pupils
Science	10
Mathematics	11
English	6
Kajian Tempatan	8
Bahasa Malaysia	8

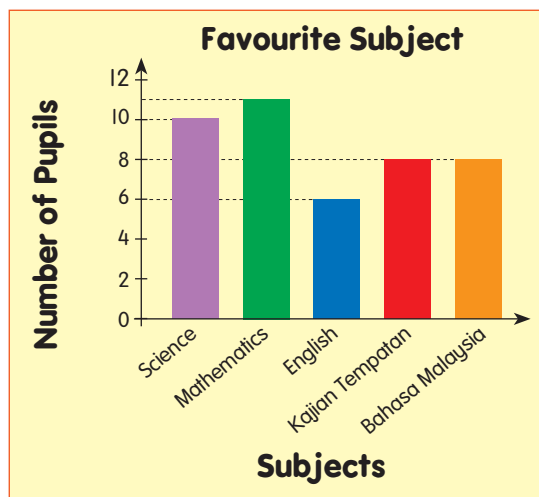
Let's follow these simple steps to draw the bar graph.



Let's do together

### To construct a vertical bar graph

- 1 Draw the vertical and horizontal axes.
- 2 Determine the correct interval and mark the vertical axis. Name the axis.
- 3 Write the names of the subjects below the horizontal axis. Name the axis.
- 4 Draw the bars vertically according to the number of pupils. Colour the bars.
- 5 Give a suitable title for the bar graph.



ICT Project

### To construct a bar graph using Microsoft Excel

Work in groups.

- 1 Construct a horizontal bar graph based on the data given above.
- 2 Print your bar graph and keep it in your Maths Folio.

