

Bar Graph

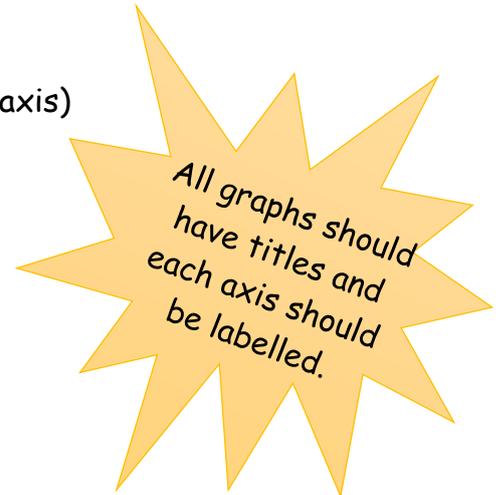
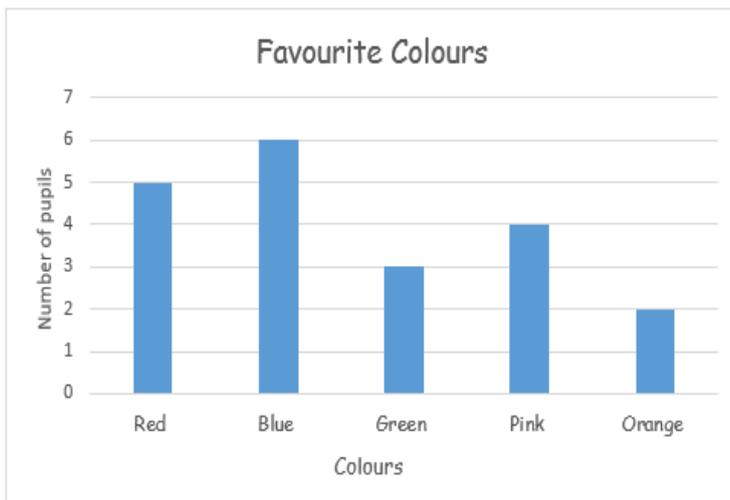
MNU 3-21a I can display data in a clear way using a suitable scale, by choosing appropriately from an extended range of tables, chart, diagrams and graphs, making effective use of technology.

Bar graphs are used to display data. The horizontal axis (x axis) should show the categories and the vertical axis (y axis) should show the frequency.

Example

Pupils were asked what their favourite colour was.

Red	Blue	Green	Pink	Orange
5	6	3	4	2



Bar Charts need to include

- Correct scales
- Spaces in between the bars
- A heading
- Labels on both axes

Bar graphs should show **discrete data**

Discrete data is data can be categorised into a classification. Discrete data is based on counts and there are only a few values possible.

For example

- the number of pupils in a class
- people's income
- favourite colour
- favourite animal