

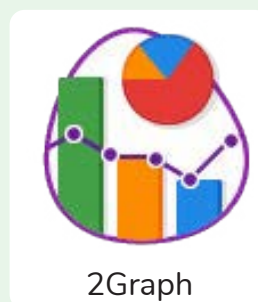
Unit: 3.8

Graphing

Key Learning

- To enter data into a graph and answer questions.
- To solve an investigation and present the results in graphic form.

Key Resources



Key Vocabulary

Axis

A fixed horizontal or vertical reference line for the measurement of coordinates or to plot data in a graph.

Chart

A diagram that represents data. Charts include graphs and other diagrams such as pie charts or flowcharts.

Column

Vertical (down the page) divisions of a piece of work.

Data

A collection of information, especially facts or numbers, obtained by observation, questions or measurement to be analysed and used to help decision-making.

Graph

A diagram that represents data. There are specific layouts for graphs including bar graphs and line graphs.

Investigation

A formal inquiry or systematic study.

Row

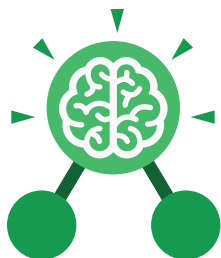
Horizontal (across the page) divisions of a piece of work.

Sorting

Organising data by a rule such as alphabetical or numerical.

Tally Chart

A way of recording how often something happens by counting in fives.



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Graphing

Key Images

Chart Title 

Insert the name of the graph here.



Add and remove a row from the table.



Vertical Bar Chart



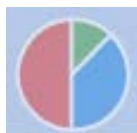
Horizontal Bar Chart



Block Graph



Line Graph



Pie Chart

Data entry table

Key Questions

What is a graph?

A diagram representing part of a set of data. Graphs can be drawn by hand or on the computer. There are different types of graphs.

What are the frame lines on the graph called?

They are the axes. The axis that goes up and down (vertical) is called the 'y' axis and usually shows the amount. The axis that goes across (horizontal) is called the 'x' axis and shows what is being measured.

What different kinds of graphs are there?

There are lots of different types of graphs including line graph, bar chart and pie chart.