

# **PURPLE MASH COMPUTING SCHEME OF WORK - KNOWLEDGE ORGANISER**

<u>ME OF WORK - KNOWLEDGE ORGANISEI</u>

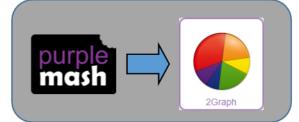


Unit: 3.8 – Graphing Key Resources

#### **Key Learning**

To enter data into a graph and answer questions.

To solve an investigation and present the results in graphic form.



# **Key Vocabulary**

**Graph** – a diagram showing the value of objects.

**Field** – a part of a record.

<u>Data</u> – facts and statistics collected together for reference

<u>Bar chart</u> – a graph in which the numerical amounts are shown by the height or length of lines or rectangles of equal width.

**Block graph** – a graph where a block represents one item.

<u>Line graph</u> – a graph where a line is used to show an amount.

## **Key Images**

Insert the name of the graph here.

Add and remove a row from the

Vertical Bar Chart

**Horizontal Bar Chart** 

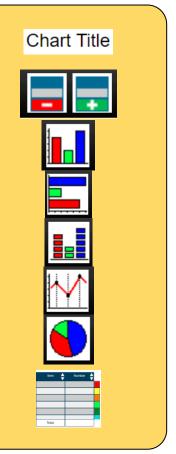
**Block Graph** 

graph.

Line Graph

Pie Chart

Data entry table



## **Key Questions**

What is a graph?

What are the frame lines on the graph called?

What different kinds of graphs are there?

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.

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.

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