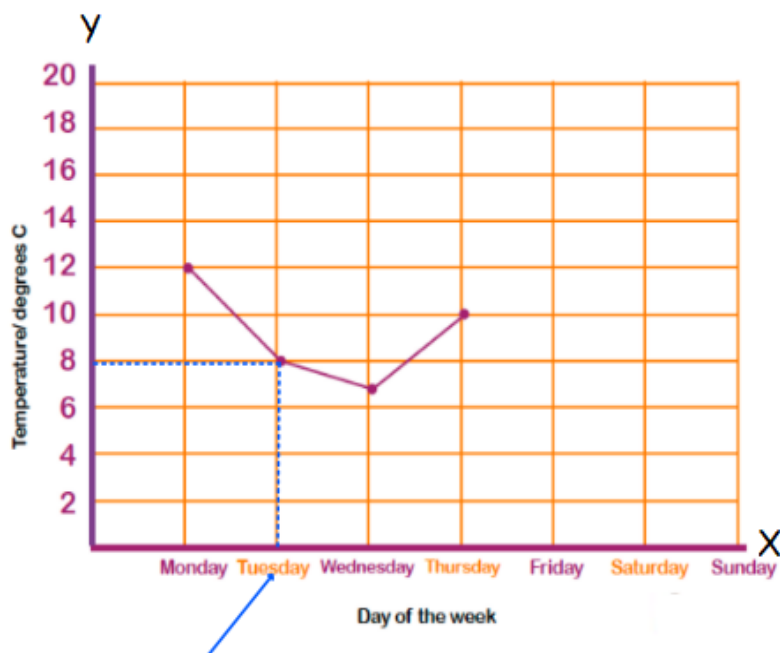


Key Vocabulary
category
sorting
totalling
sum
difference
comparison
table
bar chart
time graph
discrete data
continuous data
line graph
calculate
interpret
timetable
two-way

## Line Graphs

This line graph shows the average temperature on different days of the week.



To help read line graphs you can use a ruler to draw up from the X axis and then across to the Y axis.

On Wednesday the point on the line graph falls between two numbers, 6 and 8, therefore it is 7.



## Timetables

Different buses

Bus stop locations	Bus 1	Bus 2	Bus 3	Bus 4
Newport	06:50		07:25	08:45
Underwood	07:00	07.25	07:41	08:55
Magor	07:11	07.41	07:51	09:04
Rogiet	07:18	07.59	07:59	
Caldicot	07:29	08.12	08:09	09:16
Portskewett	07:33	08.15	08:14	09:20
Chepstow	07:45	08.30	08:30	

The second bus starts at Underwood as the Newport row is blank.



The forth bus does not stop at Rogiet so it gets to Caldicot quicker than the other buses.

The forth bus finishes at Portskewett.

## Reading Two-Way Tables

Below is a two-way table showing children's favourite pets.

Columns

Rows

	Rabbit	Gerbil	Goldfish
Boys	23	21	24
Girls	24	10	28

To read two-way tables make sure you look at both the **column** and the **row**. This two-way table also shows you the totals.

You may be asked questions like:  
 How many more girls picked rabbit than gerbil?  
 How many children chose gerbil?  
 How many boys did the survey?



## Completing Two-Way Tables

The two-way table below is missing some amounts.

	English	Maths	Science	Total
Boys	20	13	17	50
Girls		15		
Total	38		40	

When **completing** two-way tables look at the information you already have to work out what is missing.



To work out how many girls chose English, you need to subtract the boys from the total.  $38 - 20 = 18$  girls.

To work out the how many children chose Maths in total, you need to add the boys and the girls.  $15 + 13 = 28$  in total.

Once you've found the total amount of children that chose Maths, you can find the total amount of voters by adding all three amounts.  $38 + 28 + 40 = 106$ .