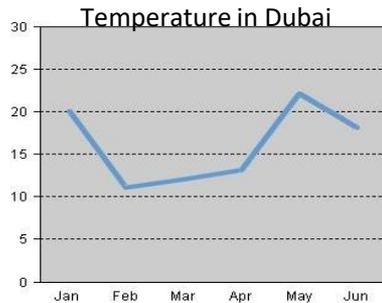## Making connections

Place Value
- Use knowledge of ordering numbers and placing them onto numberlines to find missing numbers between intervals on a scale.

  e.g. The temperature in February is between 10 and 15. It is closer to 10 than halfway so must be 11.

Temperature in Dubai

Sum and difference
- To find the sum of 2, or more, pieces of data, you need to add
- To find the difference, subtract.

Key Vocabulary

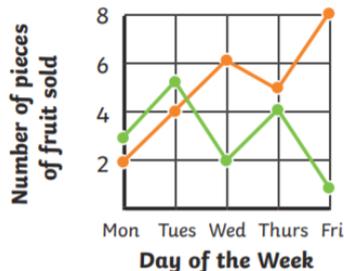| graph	line graph	data
scale	horizontal	vertical

Dual line graph	Two lines to compare data.
Two-way table	Allows you to compare 2 sets of data.
Plot	To put the data on a graph.
Axis/axes	X axis and Y axis. The plural is axes.

Representations

Two-way Table

Ticket Type	Weekday Price	Weekend Price
Adult	£6	£7.50
Child	£4	£4.50
Student	£5.50	£6

Dual Line Graph

Key concepts and questions

How can you find missing data in a two way table?
- To find the missing parts subtract the part you know from the total, e.g. 15-8=7 so 7 boys had blackcurrant.
- To find the totals, add the parts.

	Boys	Girls	Total
Orange	8		18
Blackcurrant		6	
Total	15		

How are timetables used?
If I arrive at the Train Terminal at 10:12am, what is the earliest time I can arrive at the University Campus?
- You will first need to see when the next bus leaves from the train terminal – 10:36am
- Then look down to see when it gets to the University Campus – 11:14am

Station	am	am	pm	pm	pm	pm	pm	pm	pm
Train Terminal	9:06	10:36	12:06	1:36	3:06	4:36	6:06	7:36	9:06
Shopping Centre	9:19	10:49	12:19	1:49	3:19	4:49	6:19	7:49	9:19
Sports Complex	9:25	10:55	12:25	1:55	3:25	4:55	6:25	7:55	9:25
University Campus	9:44	11:14	12:44	2:14	3:44	5:14	6:44	8:14	9:44