

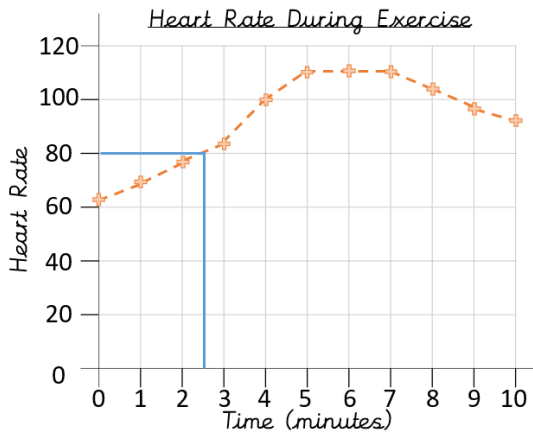
Year 5                      Block 9                      Unit: Statistics

**Key Vocabulary:**

axis	horizontal	interpret	vertical	Line graph	
scale	table	tally	x-axis	y-axis	timetable

**What will I know by the end of this unit?**

Read and interpret line graphs:



Estimate the athlete's heart rate after 2 and a half minutes of exercise. *80 beats per minute (bpm)*

Read and interpret tables:

The table shows the results from Sports Day.

	100 m sprint (seconds)	Shot-put (m)	50 m sack race (seconds)	Javelin (m)
Amir	15.5	6.5	18.9	11.2
Dani	16.2	7.5	20.1	13.3
Teddy	15.8	6.9	19.3	13.9
Rosie	15.6	7.2	18.7	14.1
Ron	17.9	6.3	18.7	13.3

Ron thinks that he won the 100 m sprint, because he has the greatest number. Do you agree with Ron? Explain why.

*Ron is incorrect. The greatest number means the longest running time.*

Two-way tables:

Distances Between UK Cities (in miles)

Aberdeen			
490	Cambridge		
355	149	Leeds	
667	343	371	Truro

How far is it from Aberdeen to Leeds?  
*355 miles*

Read and interpret timetables:

Bus Timetable

Bus Station	11:30	12:30	13:30	14:30
School	11:37	12:37	13:37	14:37
Swimming Pool	12:03	13:03	14:03	15:03
Health Centre	12:20	13:20	14:20	15:20
Library	12:35	13:35	14:35	15:35

1) Annie leaves the Health Centre at 13:55

What time will she arrive at the Library?

*She catches the 14:20 bus from the Health Centre. She arrives at the Library at 14:35*