



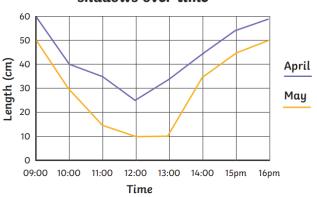
| Year 6 Bl | | . 11 | | Unit: | Stat | istics | |
|-----------------|--------------|-------|-------|-----------|------------|--------|-----|
| Key Vocabulary: | | | | | | | |
| bar chart | mean average | | | pie chart | line graph | | sum |
| difference | comparison | inter | rpret | axis | | | |

What will I know by the end of this unit?

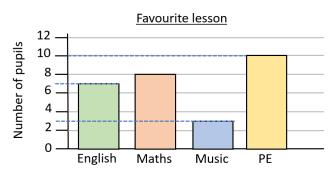
Line graphs:

Line graphs are used to show changes to a measurement over time.

A line graph to show the length of shadows over time



Dual bar charts:



- 1) How many children voted English as their favourite?
- 2) How many more children chose PE than music? 10-3 7 children
- 3) How many children voted altogether? 7+8+3+10 28 children

Read and interpret pie charts:

56 children are attending <u>Tiny's</u> birthday party.
The children were asked what flavour crisps they wanted.



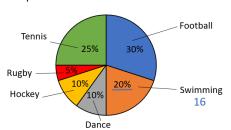
How many children wanted Salt and Vinegar or Roast Chicken flavour crisps?

Salt and Vinegar: $\frac{2}{8}$ of 56 = 14Roast Chicken: $\frac{1}{4}$ of 56 = 14

14 + 14 = 28

Pie charts with percentages:

80 children were asked to choose their favourite sport from six options.



How many children chose swimming?

20% of 80 = 16 10% of 80 = 8

The mean:

 $Mean = Total \div number of items$

Find the mean of this set of numbers.

