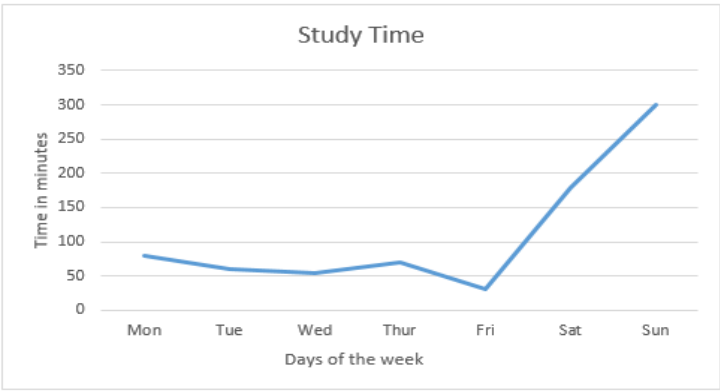# Line Graphs

MNU 3-21a I can display data in a clear way using a suitable scale, by choosing appropriately form an extended range of tables, chart, diagrams and graphs, making effective use of technology.

Line graphs are made up of several points joined up with a line. The horizontal axis (x axis) show the continuation of time and the vertical axis (y axis) should show the frequency.

Number of ice creams sold over a week.

Mon	Tue	Wed	Thur	Fri	Sat	Sun
80	60	55	70	30	180	300

All graphs should have titles and each axis should be labelled.

Line Graphs need to include
- Correct scales
- A heading
- Labels on both axes
- A continuous line drawn with a ruler

A Line Graph should show **continuous data**

Continuous data is data that can be measured and broken down into smaller parts and still have meaning.

For example

- Money
- Temperature
- Time

Remember

Discrete data is counted,
Continuous data is measured

Airdrie Academy