



Key Learning

- To refresh and extend understanding of formulae and functions from previous learning.
- To use formulae in 2Calculate to convert measurements between different units.
- To use 2Calculate to create and interpret line graphs that show how data changes over time.
- To analyse weather data by using spreadsheets to identify patterns.
- To use spreadsheets to plan and budget for an event.
- To use a spreadsheet to plan a holiday.

Key Resources



2Calculate

Key Vocabulary

Axis/Axes

The vertical and horizontal lines on a graph.

Forecast

A prediction about what will happen in the future.

Line Graph

A graph that shows changes over time using points connected by lines.

Budget

A plan that shows how much money will be spent and how much money is expected to come in.

Formula

A set of instructions that tells a spreadsheet what to calculate.

Meteorologist

A person that studies data from the atmosphere and oceans to make weather forecasts.

Continuous Data

Continuous data is data that is usually measured, rather than counted.

Income

Money that can be earned, usually from working a job or selling things, to pay for the things they need and want.

Plot/Plotting

Putting points on a graph for each piece of data.

Conversion

Changing a unit of measure from one form to another, whilst keeping its value the same.

Function

A built-in formula that performs a specific job automatically.

Trend

The direction data is moving (up, down, staying the same).



Key Images

Formula Bar



Line Graph



Add Sheet



Formula Wizard

Numeric Formats



Merge Cells

Key Questions

When converting between measure, what is the most important thing to remember?

Although the unit of measure may change, the **value** of that thing stays the same.

What is a line graph and how does it show trends?

A graph that shows changes over time using points connected by lines. They can show the direction that data is moving at a glance, e.g. upward, downward.

How can a spreadsheet help someone avoid spending too much money?

Spreadsheets allow people to have a clear overview of their finances and it is a great tool to help someone create and stick to a budget.

What is continuous data?

Continuous data is something that can be measured over time, such as the change of temperature throughout a day

What is a meteorologist?

A meteorologist is someone that collects and studies data from the atmosphere and oceans to make weather forecasts.

Why might a business use a spreadsheet instead of writing things down on paper?

Keeping things on paper can be risky. They can get lost or damaged, whereas spreadsheets are safe, secure and are often automated.