Computing: We are Meteorologists -Y4 T2

Learning link

In year 3 you worked with structured data as 'We are opinion pollsters.'

In this unit, you will use **spreadsheets** to record and analyse **data** and then create charts.

Key learning

To create accurate weather forecasts, meteorologists must first measure and analyse weather data and patterns.

A range of different instruments are used to measure the weather. Some of these are **digital**, while others are **analogue**.

Data loggers, as the name suggests, log weather data. They contain **sensors**, which measure data such as temperature, and store readings on a computer chip. This information can then be transferred to a computer.

Spreadsheets are an effective way of recording and analysing weather data. The data is usually in the form of numbers, and this can be used to draw different weather charts and graphs.

Different types of graphs and charts can be used based on the data selected.

Did you know?

Meteorologists are special scientists who measure the weather and use this **data** to make predictions. This information is presented as a weather forecast.



Vocabulary

analogue	continuously changing values, such as temperature or pressure.
data	information that is collected for analysis, often, but not always, in the form of numbers.
digital	storing, processing or transmitting information as numbers, such as temperature to the nearest degree .
sensor	a device used to get data from the real world into a computer; data loggers contain sensors.
spreadsheet	a computer program used to record, display and work with data in table format (rows and columns) .

Keeping safe

