

Year 4: We are Meteorologists

Vocabulary

data-logging - daily recording of weather data

forecast - predicted weather for the coming days.

graph - visual representation of data

measurement - value of recorded weather

prediction - sensible guess based on patterns.

spreadsheet - document with data

Key takeaways

- I can use a spreadsheet to create a chart.
- I can log data using a range of equipment, including digital and analogue devices.
- I can analyse gathered data to form predictions and conclusions.
- I can use data to present my findings.
- I know how a range of software can work together to create a finished outcome.

Knowledge check

Weather forecasts are important in our lives everyday. They help us know what the weather will be like and allows us to predict how the weather could change.

Meteorologists use data they collect to predict the weather.

They make predictions about:

The temperature

The weather

The chance of rain.

E-safety

- You should only share information online that is true. When logging weather data and sharing predictions, these should be based on facts and data that is recorded.
- When using online services with shared access, ensure you are being respectful of the software and others.



Key takeaways

You can use lots of different equipment to measure the weather. Some of them only do one job but a data logger can measure lots of data at the same time.



Thermometer



Rain gauge



Digital weather station



Barometer



Anemometer



Digital thermometer

Today		
14:00	15:00	16:00
Chance of precipitation		
<5%	<5%	<5%
Temperature		
9°	9°	9°