

Temperature

Castlefield School- Computing

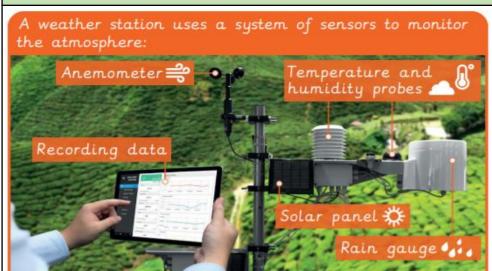
Topic: Investigating weather. Year: Four Theme: Select and use a variety of software on a range of devices.

How to use computers purposefully and safely.

- Investigate global weather and record data in a spreadsheet.
- Design a weather station including what it will measure and in which units it records the data.
- Learn how weather is forecast and use the internet for research, recording the data on a spreadsheet.
- Use 'green screen' technology to create and present a weather forecast.

How hot or cold something is.

Key Skills – learn how sensors are used to collect data.



	Key Vocabulary
Algorithm	A clear set of instructions to carry out a task or solve a problem.
Climate	The weather conditions you would normally expect in a location.
Device	Equipment created for a certain purpose or job.
Forecast	A prediction of what might happen in the future based on the information you have – for example, a weather forecast.
Log data	A record of information collected by a person or computer.
Predict	Make a guess of what might happen in the future.
Record	To store information so that you can review it later.
Sensor	A device used to monitor and detect changes in a condition. An example is a smoke detector which will sound if it finds smoke in the air.
Spreadsheet	An electronic file where data can be stored and analysed.

Websites to help:

Learn what a spreadsheet is and how they can be used:

https://www.schoolsofkingedwar dvi.co.uk/ks2-computinginformation-technology-5-

spreadsheets-charts/

Learn how weather is recorded:

https://www.bbc.co.uk/bitesize/c lips/zw9q6sg