

Computing - Data Handling: Investigating Weather

algorithm - a sequence of instructions which, when followed, solve a problem

automated machine - works without the need for human interaction, after being programmed to carry out a specific job

calculate - to use mathematics to discover, prove or solve something

climate - the weather condition you would normally expect in a location

device - equipment created for a certain purpose or job

forecast - to predict what might happen or occur as the result of something in the future (for example, weather forecasts).

log data - a record of information that has been collected by a person or a computer, while monitoring something

predict - to make an educated guess, as to what might happen or occur as the result of something in the future

record - to log information in the present (for example data during a science experiment), to look back on it in the future

sensor - a tool or device that is designed to monitor, detect and respond to changes for a specific purpose, such as a smoke alarm, which will ring if smoke is detected in the air

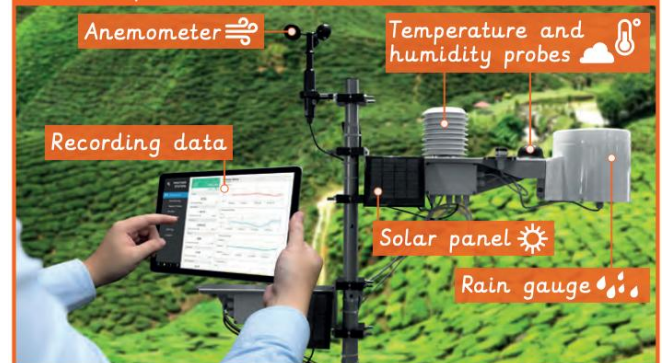
source - where something comes from, for example milk is a source of calcium

spreadsheet - a file where you can input, sort and analyse data across a series of cells

temperature - how hot or cold something is

weather - the current condition of the atmosphere around the world, such as the temperature, rain, wind, clouds and sunshine

A weather station uses a system of sensors to monitor the atmosphere:



Weather satellites collect and send data back down to Earth, after monitoring the atmosphere from space.



When filming remember to:

