



Key Vocabulary

algorithm	A sequence of instructions which, when followed, solve a problem.
climate	The weather conditions you would normally expect in a location.
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.
weather	The current condition of the atmosphere around the world, such as the temperature, rain, wind, clouds and sunshine.
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.
temperature	How hot or cold something is.
spreadsheet	A file where you can input, sort and analyse data across a series of cells.
Source	Where something comes from, for example milk is a source of calcium.
device	Equipment created for a certain purpose or job.

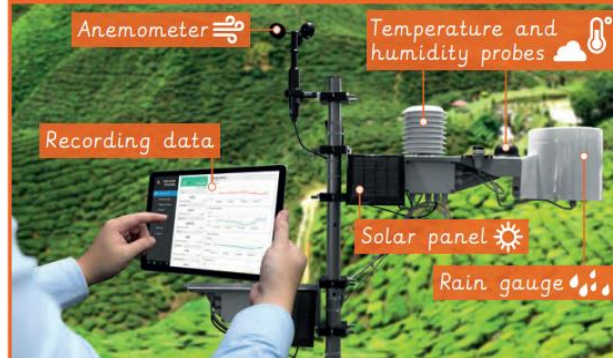
Prior Learning – sticky Knowledge I have.

A database is a collection of data stored in a logical, structured and orderly manner. Computer databases can be useful for sorting and filtering data. Different visual representations of data can be made on a computer. Sorting and filtering databases makes it easy retrieve information. Computers can create graphs and chart that make it easier to understand data. People can edit photos and videos using film editing software. Transitions and text can be added to video.

What I will learn – new sticky knowledge.

Computers can use different forms of input to sense the world around them so that they can record and respond to data ('sensor data').
A weather machine is an automated machine that respond to sensor data.
Weather forecasters use specific language, expression and pre-prepared scripts to help create weather forecast films.

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:

Don't film into the light e.g by a window



Don't stand too close or too far away

Make sure your surroundings are quiet



Let the presenter know when to start by saying, "3,2,1 action!"



Keep the presenter in the middle of the screen - no chopped off heads!




Challenge

Why is being able to predict the weather important?



Key Vocabulary

How well do I understand our key vocabulary?

			
algorithm			
climate			
forecast			
Log data			
weather			
sensor			
temperature			
spreadsheet			
Source			
device			

What sticky knowledge can I remember from my learning?

Blank area for writing sticky knowledge.



Challenge

Why is being able to predict the weather important?

