Knowledge organiser – Y4 DATA HANDLING

What do I already know?

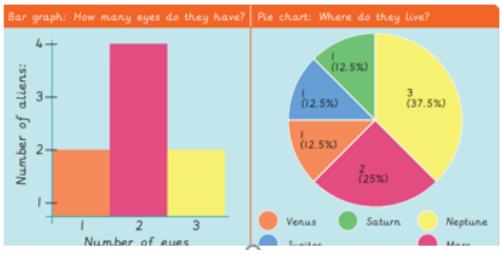
A computer database can be useful for sorting and filtering data.

Database: Can you identify each alien?

Aliens:	Colour:	Eyes:	Legs:	Lives:
Edward	Purple	2	0	Neptune
Tony	Yellow	3	2	Mars
Gordon	Green	2	2	Venus
Joanne	Green	3	12	Mars
Flora	Pink	2	2	Jupiter
Derek	Teal	1	0	Neptune
Roberta	Orange	2	2	Neptune
Luna	Purple	1	2	Saturn

It is much easier to read from a spreadsheet

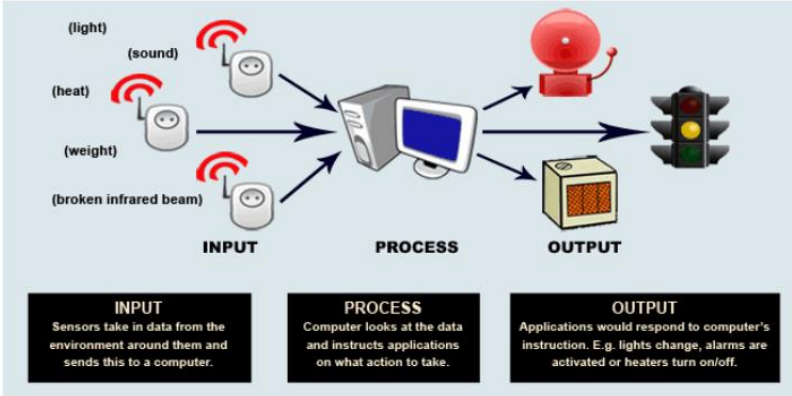
Different visual representations of data can be made on a computer.



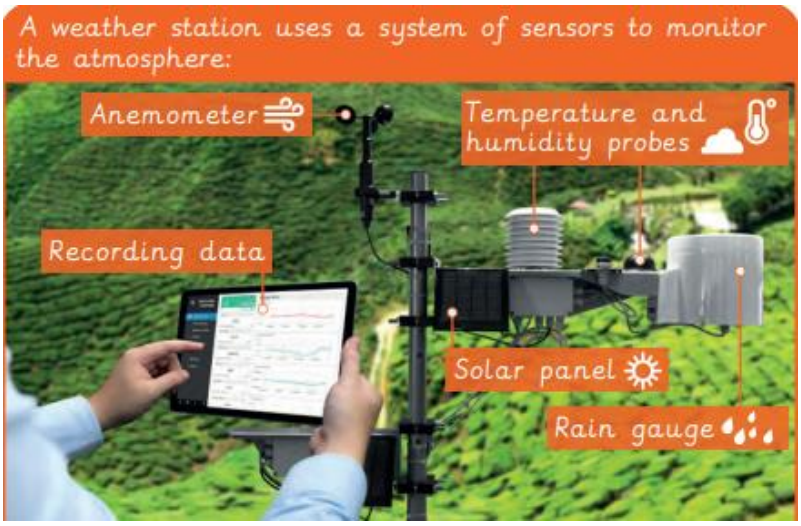
Key Vocabulary	Definition
Weather	The current condition of the atmosphere around the world, such as temperature, rain, wind, clouds and sunshine.
Temperature	How hot or cold something is.
Spreadsheet	A file where you can input, sort and analyse data.
Sensor	A tool or device that monitors, detects and responds to changes. For example a smoke detector.
Predict	To make an educated guess, as to what might happen.
Log data	A record of information that has been collected by a person or computer, while monitoring something.
Forecast	To predict what might happen or might occur as a result of something in the future.
Climate	The weather conditions you would normally expect in a location.

My Key Learning

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 responds to sensor data.



Weather forecasters use specific language, expression and pre-prepared scripts to help create weather forecast films.

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