

Year 4 - Investigating Weather

WHAT I SHOULD ALREADY KNOW

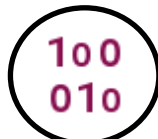
How to input data in a spreadsheet



What is a weather forecast?



Use and log basic data



Recognise and use a search engine



MAKING CONNECTIONS



You will be using

Desktops

Google Sheets/Excel

Shotcut Video Editor

Sketchpad

Search Engines

Chromakey



Extend your learning

How does collaboration between forecasters impact the accuracy of predictions?



Don't forget

How does information from satellites lead to weather forecasts?



KEY VOCABULARY



Data—Facts and other information collected together



Spreadsheet— Electronic document for data arranged in rows and columns



Temperature— The intensity of heat



Sensor— A device which records a physical property (e.g. temperature)



Thermometer— An instrument for measuring temperature



Algorithm—A process of rules or instructions to be followed



Search Engine— A program that searches for items in a database



Weather Forecast—An analysis of what the weather is like in certain areas



Sensor Data—A device which reads something from the environment



Green Screen— A green background in which things are filmed

KEY OBJECTIVES

Log data from online sources



Search the internet for weather data



Record data in a spreadsheet



Design my own device



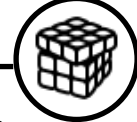
Understand what sensor data is



Use keywords effectively to search for information



Write an algorithm



Use a range of search engines



Create a short video



I can edit a video using chroma keying to change the background



Use green screen technology to present a weather forecast

