



Jerry Clay Academy Subject Unit Overview

Subject: Computing Year Group: 4 Term: Summer 2

Core Learning of This Unit: We are meteorologists

- understand different measurement techniques for weather – both analogue and digital
- Use computer-based data logging to automate the recording of some weather data
- Use spreadsheets to create charts
- Analyse data, explore inconsistencies in data and make predictions
- Practise using presentation and video software.

Prior Learning:

Pupils work with datasets in Unit 1.6: We are detectives.

Pupils use browsers, data input and presentation software in Unit 2.4: We are safe researchers.

Pupils work with structured data in Unit 3.6: We are opinion pollsters.

National Curriculum Statements:

- Work with variables and various forms of input and output
- Use logical reasoning to explain how some simple algorithms work.
- Use search technologies effectively appreciate how results are selected and ranked, and be discerning in evaluating digital content.
- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information

Key Vocabulary:

- Analogue
- Data
- Dataset
- Digital
- Field
- Filter (database)
- Form
- Input
- Interface
- Record
- Sensor
- Table

Significant People

- Jon Mitchell – British meteorologists and TV weather presenter