



Jerry Clay Academy  
Subject Knowledge Organiser

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:**

- We are software designers
- We are makers
- We are musicians
- We are bloggers
- We are artists

**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