

Year 5 Unit Medium Term – Computing – Data

N.C POS

- Select, use and combine a variety of software (including internet services) on a range of digital devices to design and create a range of programs, systems and content that accomplish given goals, including collecting, analysing, evaluating and presenting data and information
- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behavior; identify a range of ways to report concerns about content and contact

Strand/s of Computing: Information technology

Concept: change, information, communication, technology, organisation

Key Vocabulary: data, database, collect, branching, file, classify, field

Prior Learning: Data is information, data can be sorted into groups, data can be represented in different ways, pictograms can represent information, bar charts/graphs

Core Knowledge- non-negotiable- specific knowledge must be identified here

- Use a spreadsheet to collect and record data using a program such as sheets or Excel.
- Add simple formulae (+ - * / SUM, AVERAGE, MIN MAX)
- Present data in different forms.
- Understand the difference between discrete and continuous data.
- Identity and refer to cells by row and column.
- Enter text and numbers into a spreadsheet.

Wider Influences

Enduring Understanding

- To begin to understand the basic functions involved in creating spreadsheets.
- To be able to explain the purpose of a spreadsheet and how they are useful.