

Year 3 Unit Medium Term – Databases

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
- Understand computer networks including the internet; how they can provide multiple services, such as the World Wide Web; and the opportunities they offer for communication and collaboration

Strand/s of Computing in this Unit: 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

Collect, analyse, evaluate and present data and information by:

- Design simple questionnaires to collect information.
- Search a ready-made database to answer questions.
- Add information to a database.
- Filter and sort records in a database.
- Understand what a branching database is.
- Can follow a branching database.
- Can create a branching database using objects.
- Can create a digital branching database.

Wider Influences

- **Companies/sectors/jobs that utilize databases.**

Enduring Understanding

- **To understand that a database is a source of information that can be recorded in a number of different ways.**
- **Databases can be used as a tool to convert data to be presented in different ways.**
- **Understand how branching databases work.**