

Medium Term Plan – Computing – Branching 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

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

- Understand what a branching database is.
- Understand that a branching database uses closed questions to classify.

Wider Influences

- Family trees use a branching database to track family history of generations.
- Classification keys in Science. The animal kingdom is classified using branching diagrams.

Enduring Understanding.

- **Understand how branching databases work.**

Skills children need to do: Collect, analyse, evaluate and present data and information by:

- Can follow a branching database.
- Can create a branching database using objects.
- Can create a digital branching database.

Links/programs to use:

J2E has a unit which supports the creation of the digital databases.

www.teachcomputing.org has a unit using this. Year 4 cover animal classification so important not to go into this in too much detail if using as an example.