

Year 1 Unit Medium Term – Computing - Data Collection

N.C POS

- Use technology purposefully to create, organise, store, manipulate and retrieve digital content
- Use technology safely and respectfully, keeping personal information private; identify where to go for help and support when they have concerns about content or contact on the internet of other online technologies

Concept: change, technology, invention, data

Strand/s of Computing met: Information technology and digital literacy

Key Vocabulary: Data, raw data, audio, visual, classification, criteria

Prior Learning: Items or objects can be sorted into groups according to size, colour, shape, number etc

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

- Understand what data is and why we might collect it.
- Collect and sort data.
- By itself raw data means nothing, but we can turn it into information.
- Data can be different - audio, visual (photos, videos) and text.
- Develop simple classification skills by sorting items into sets, groups of simple tables based on simple criteria like colour or size.
- Produce simple graphs to present data (pictogram).
- Explain what their data shows and means.
- Answer simple questions about the data.

Wider Influences

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Enduring Understanding

- **Data is information. This information can be sorted into groups based on criteria.**
- **Data can be represented in different ways.**