



Jerry Clay Academy
Subject Knowledge Organiser

Subject: Computing Year Group: 4 Term: Spring 1

Core Learning of This Unit: We are musicians.

- To produce own music for any purpose they choose.
- To understand the opportunities networks offer for collaboration
- To design and create content.
- To work with various forms of output
- To use sequence, selection and repetition in programs.

Prior Learning:

- We are Software Developers
- We are Toy Designers

National Curriculum Statements:

- Use sequence, selection and repetition in programs; work with variables and various forms of input and output.
- Understand computer networks, including the internet; ... and the opportunities they offer for communication and collaboration.
- 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 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 behaviour.

Key Vocabulary:

- Digital technology
- Audio files
- Software
- Elements
- Pitch
- Loops
- Rhythm
- Beats
- Composition
- Record
- Playback
- Clips
- Layer
- Export
- Compressed/uncompressed
- Formatted
- Default
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Significant People

- Musician related to topic?
- Rainforest sounds?
- Links to Literacy, Music or Dance?