Jerry Clay Academy
Subject Knowledge Organiser

Subject: Computing   Year Group: 1 Term: Summer 1

Core Learning of This Unit: We are rhythmic
- To record audio on an iPad
- To program sprites to playback recorded audio in ScratchJr
- To program ScratchJr to create repeating rhythms using recorded audio
- To explore different effects that can be applied to audio
- To create a repeating percussion pattern using a virtual drum machine
- To experiment with a range of virtual instruments.

Prior Learning:

- We are Treasure Hunters
- We are TV Chefs
- We are Digital Artists
- We are publishers

National Curriculum Statements:
- Use technology purposefully to create, organise, store, manipulate and retrieve digital content.
- Recognise common uses of information technology beyond school
- Understand what algorithms are.

Key Vocabulary:
- Audio
- Digital
- Message
- Microphone
- MIDI
- Piano roll
- Repetition
- Sample
- Sequencer
- Speaker
- Sprite
- Tack
- Virtual

Significant People
- Author of current core text?
- Ebooks and Audio books online?