Jerry Clay Academy
Subject Knowledge Organiser

Subject: Computing   Year Group: 6  Term: Summer 1

## Core Learning of This Unit: We are app developers

- To create a working app with algorithms and use a programming toolkit to code them

## Prior Learning:

- We are app planners

- We are project managers

- We are market researchers

- We are interface designers

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## National Curriculum Statements:

- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts
- Use sequence, selection, and repetition in programs; work with variables and various forms of input and output
- Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs
- 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

## Key Vocabulary:

- App
- Platform
- Algorithm
- Components
- Screen
- Media
- Assets
- Program
- Algorithm
- Pseudocode
- Error
- Block editor
- Code
- Debug

## Significant People

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