



Jerry Clay Academy  
Subject Knowledge Organiser

Subject: Computing Year Group: 3 Term: Autumn 1

**Core Learning of This Unit: We are Programmers**

- To create a short, scripted animated cartoon using characters they design.

**Prior Learning:**

- Year 1/2 Switched On Computing curriculum

**National Curriculum Statements:**

- Design, write and debug programs that accomplish specific goals; solve problems by decomposing them into smaller parts.
- Use sequence in programs; work with variables and various forms of input and output.
- Use logical reasoning to detect and correct errors in algorithms and programs.
- Select, use and combine a variety of software to design and create content that accomplishes given goals, including presenting information.

**Key Vocabulary:**

- Scratch
- Program
- Animation
- Algorithm
- Sprite
- Editor
- Undo
- Input
- Output
- Blocks
- Script
- Audio
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**Significant People**

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