Jerry Clay Academy
Subject Knowledge Organiser

Subject: Computing   Year Group: 1 Term: Autumn 1

Core Learning of This Unit: We are treasure hunters.

- To create a sequence of instructions that will move a programmable robot toy along a given router

Prior Learning:

National Curriculum Statements:
- Understand what algorithms are; how they are implemented as programs on digital devices; and that programs execute by following precise and unambiguous instructions
- Create and debug simple programs
- Use logical reasoning to predict the behaviour of simple programs
- Recognise common uses of information technology beyond school

Key Vocabulary:
- Algorithm
- Robot
- Programmer
- Programming
- Record
- Debug
- Computer
- Input
- Output
- Prediction
- Error

Significant People
- Link maps, instructions and resources to Paddington, London, The Queen etc
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