



# PROGRAMMING: RODOCODO



## RECAP

Be able to understand and create their own algorithms using blocks. Use Rodocodo to create algorithms and sequence events.

## CRUCIAL KNOWLEDGE

- To debug programs which include both Functions and Loops
- To create programs using Functions and Loops
- To write complex programs using Selection, Loops and Functions
- To write complex programs using Conditional Loops, Functions and Selection
- To use Variables within simple programs
- To write complex programs that include Variables, Loops and Functions



Functions & Loops



Conditional Loops



Variables

## EXTENDED KNOWLEDGE

Explain the purpose of sections of code in achieving the desired goal.



## KEY VOCABULARY

Algorithm	An algorithm is like a recipe: A set of steps followed by a computer to complete a specific task.
Sequence	A sequence is a set of actions performed in the correct order to achieve something.
Conditional Loops	Conditional Loops repeat until a certain condition is met.
Function	A function is a named group of commands that complete a specific task

Conditionals	Something that is either true or false
Debugging	Mistakes in code that prevent it doing what it's supposed to do are called 'Bugs'. Finding and fixing them is called 'Debugging'.
Selection	Selection is how a computer program makes decisions. Those decisions are based on conditions.
Variable	Names given to things we want a computer to remember e.g. scores