

St Andrew's Church of England Primary School
KSI Knowledge Organiser – Term 6: Computing: Robot Algorithms



Glossary of key words:

Vocabulary	Definition
algorithm	A set of steps that can be followed to achieve a task.
code	The instructions a computer needs in order to function.
debugging	Finding and correcting errors in a programme.
outcome	A set of commands that can be run by a computer to complete a task.
prediction	To think about what is going to happen after an event.
test	A trial to find out what something is or how good it is.

End of unit outcomes:

- How to give and follow sets of instructions.
- How to use an algorithm to program a floor computer.
- How to show the difference in outcomes between two sequences that consist of the same instructions.
- How to predict the outcome of a sequence.
- How to plan an algorithm to achieve a task.
- How to test and debug each part of a program.

This unit's key ideas:



← A Beebot can be programmed using an algorithm to perform a given task.



← Finding and fixing errors in a set of instructions is called debugging.