

COMPUTING

Coding

National Curriculum Objective

- 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

Key Vocabulary

command	program	direction	Forward/back	Beebot
turn	Right angle	route	predict	robot
instructions	sequence	debug	test	
Substantive- Subject Knowledge			Bigger Picture- Supporting Words	



Intents	Student
Can I make a Beebot move using directional commands?	
Can I make a sequence of instructions using forwards, backwards and turns?	
Can I make the Beebot follow a given route?	
Can I predict and test results of a sequence of instructions?	
Do I know what debugging means?	
Do I understand how to debug?	