

YEAR 1

1.3 - Unplugged Algorithms:

Understanding & building a basic algorithm

Computing Area	Computer Science
National Curriculum Strands	<ul style="list-style-type: none">• 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
Skills Progression Points	<ul style="list-style-type: none">• 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
	iPads or PCs
Software/App	Crazy characters lesson plan from Barefoot Computing: https://www.barefootcomputing.org/resources/crazy-character-algorithms Daisy Dino app, https://www.code.org
Unit Objective	To create unplugged algorithms and apply them to an on screen program.
Unit Vocabulary	Algorithm, program, instruction, code