

What should I already know?

From Reception

- Give commands/instructions e.g. forward, backwards, go, stop, when using simple software/hardware.
- Make choices about the buttons/icons to press, touch or click on when

Computing Skills:

- To predict what will happen for a simple sequence of instructions.
- To investigate how algorithms work.

Key Vocabulary and Definitions:

Algorithm-A set of instructions for a computer.



Instructions-A direction or order.



Investigate- To look closer to try and work something out.



Logic-It's a bit like reasoning.



Precise-Something that is accurate and exactly right.



Predict-To say or estimate what might happen.



Problem Solving-Finding solutions for something that is difficult or wrong.



Reasoning-Thinking about something in a logical, sensible way.



Teaching Sequence

1. Aim: To predict what will happen for a simple sequence of instructions.
2. Aim: To investigate how algorithms work (Purple Mash Beebot).

Key Knowledge

Year 1 - Computer Science 1

Date ___ / ___ / ___

Standard Met?
Yes/no



The buttons below are about to be pressed. Following the algorithm, can you put a cross in the square I am going to end up on?



Blooms Taxonomy – Specific Verbs to Use in Lesson Aims

Knowledge: Describe, find, identify, list, locate, name, recognise, retrieve
Comprehension: Classify, compare, explain, infer, interpret, paraphrase, summarise
Application: Carry out, implement, use
Analysis: Deconstruct, Organise, outline, structure
Synthesis: Construct, design, devise, invent, make, plan, produce, Evaluation: Ap-