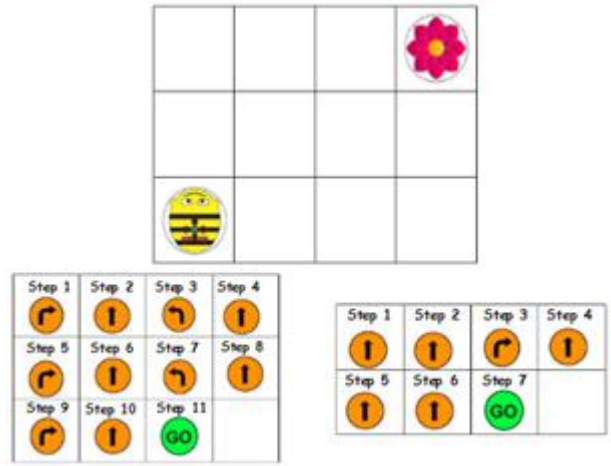
Y2 Computing Knowledge Organiser – Algorithmic Thinking and Sequencing

Vocabulary	
Ambiguous	Not clear.
Refine	Making small changes to improve something.
Specific	A precise detail.
Sequential	A set of instructions followed in an order.
Efficient	To do something without wasting time or energy.
Detect	To discover or identify.
Error	A mistake.

Detecting Errors	
Step 1	Put toothpaste on the toothbrush.
Step 2	Use the toothbrush to brush your hair.
Step 3	Spit the toothpaste out.
Step 4	Clean the toothbrush.
What is the error in this sequence of instructions?	

Efficient Algorithms



These algorithms take the bee-bot to the flower. The second one is more efficient because it has less steps to follow.



Forward 2, turn right , forward 1, turn right, forward 1