Computing Knowledge Organiser

Programming 1 - Algorithms unplugged	Year 1	Autumn Term 2

Key Vocabulary

Algorithm	A clear set of instructions to carry out a task.
Bug	An error or mistake in computer code.
Computer	Electronic machine that accepts and processes information to produce an output, and then stores the results.
Debug	To fix the error in code.
Decompose	To break something down into smaller chunks.
Device	Equipment created for a certain purpose or job.
Input	A way of telling the computer what you want it to do.
Instructions	A list of commands and directions on how to do something.
Output	Information or data that is sent by the computer to an output device such as a printer or speakers.
Solution	The method to solve a problem.

Full picture:



Decomposition:

Shape:	How many?	Body part
	One	Eye
	One	Head
	One	Beak
	One	Wing
	One	Body
	Two	Legs
	Two	Feet

Sticky Knowledge

An algorithm for brushing your teeth:



There is a bug in the algorithm!

