Year 3 – ICT – Autumn 1 – Coding

Key Facts:
An algorithm a precise step by step set of instructions used to solve a problem or achieve an objective.

Debugging is fixing code that has errors so that the code will run the way it was designed to.

What will I learn?
- To design algorithms using flowcharts.
- To design an algorithm that represents a physical system and code this representation.
- To use selection in coding with the 'if' command.
- To understand and use variables in 2Code.
- To deepen understanding of the different between timers and repeat commands.

Activity:
Can you add a sound to an object in 2Code?

Key words: event, object, computer simulation, if, input, properties, output, repeat, variable, timer

Tools	2Dos	2Chart	Free code gibbon

Key Images

Open, close or share a file.	Save your work.	Open design mode in 2Code.	Switch to code mode in 2Code.
An 'if' command	Creating a variable in 2Code	A change variable block	