Y5 - BBC Microbits

Microbits key language

.hex	A file type of binary.
Block coding	Connectable code that represents text code and can be linked together to create a program.
Decompose	To break something down into smaller parts.
Loop	A repeated set of instructions.
Emulator	A program built to mimic the way something works.
Micro:bit	A compact computer created by the BBC to code.
Predict	To make an educated guess at what might happen.
Script	List of programming instructions.
Output	The outcome of the completed program.
Variable	A changeable element in a program.
Accelerometer	A sensor to measure vibration.
Randomisation	Making choices in code by chance rather than being planned.

Key outcomes

- To sequence programs.
- To solve problems by decomposing into smaller parts.
- To design, write and debug programs that accomplish specific goals.
- To include control, simulation or solve problems when decoding.
- To use sequencing, selection and repetition in programs.
- To work with various forms of input and output.
- To know what a variable is and how to use it.
- To know the purposes of randomisation and how to use it.

Micro:bit code blocks

Basic	Variables
LED	Music
Logic	Loops
Input	Math(s)
Radio	Microbit.org

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