



Coding

Key Words

- .hex file** – A file type, that carries binary information.
- .zip file** – Multiple files that are bound together as a single file, to use less digital storage space.
- Bluetooth** – Device to device connectivity, for example sharing images between two smart phones.
- Code blocks** – A visual representation for a section of code that performs a certain job. They can be snapped together to build a program.
- Decompose** – To break something down into smaller chunks.
- Emulator** – A program or machine that is built to copy the way another computer system works.
- Feature** – Distinctive characteristics of something.
- Loop** – A repeated sequence of instructions.
- Micro:bit** – Created by the BBC, a small compact computer that you can code.
- Pedometer** – A device used to record the number of steps taken to calculate the distance travelled.
- Predict** – To make an educated guess, as to what might happen or occur as the result of something in the future.
- Systematic** – Doing something in an ordered way to achieve a specified goal.
- Tinker** – To explore and play with something to discover the key functions.
- Variable** – This could be a number or text, that can change each time the program is run and often in combination with selection to change the end result of the program.

Code blocks key:

Basic	Input	Music
Led	Radio	Loops
Logic	Variables	Math(s)

BBC Micro:bit

The BBC Micro:bit has a wide-range of features for you to program and experiment with. Each feature can be included as part of an algorithm.

BBC Micro:bit features:

