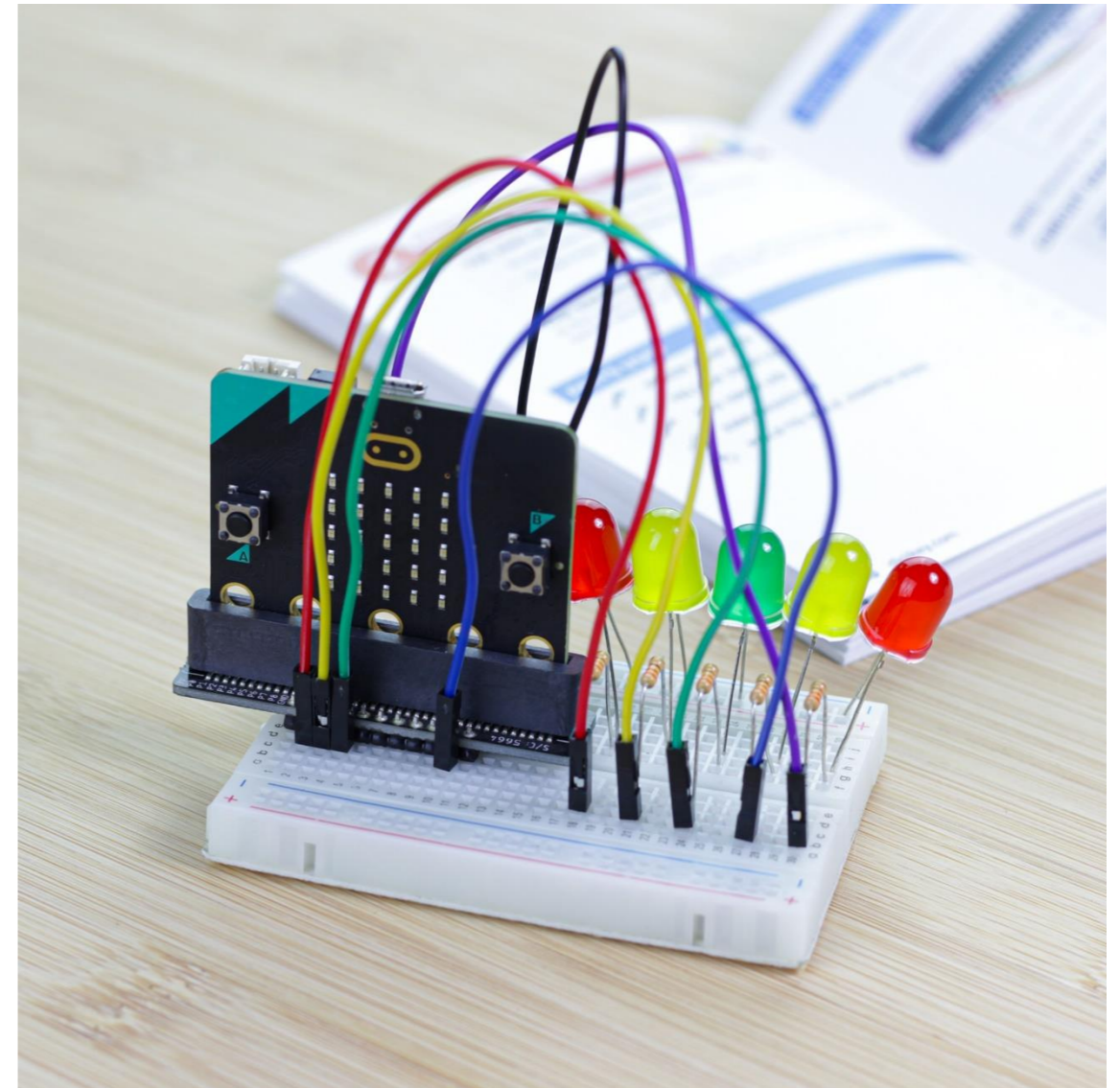


Discovery Kit for the BBC micro:bit

The Kitronik Discovery Kit for BBC microbit is a great way to get started with both programming and electronics. The Kit contains five experiments that start very simply, building up to simulating real world systems as confidence grows.

The included booklet assumes no prior knowledge and contains detailed information about everything the new user will need to know. It covers everything from using a prototyping board to how to use the Microsoft MakeCode Editor, and everything in between. This is the ideal kit for someone who is new to the micro:bit, electronics, and coding.

The kit contains five experiments and all of the components required to complete them. Each experiment has; a complete code walk-through, a circuit diagram and a top-down breadboard view, full explanations of what is happening, and how the electronics work.



CONTENTS



Features

- This kit offers a great introduction to both coding and electronics.
- No soldering required - build your first circuit in minutes!
- Make the 5 experiments in the step-by-step tutorial book and learn as you go.
- All parts are included to conduct the 5 experiments.
- Once you have completed all of the included experiments, you have the perfect prototyping system for further adventures with the micro:bit.
- The code can be created in Microsoft's easy to use MakeCode editor and micro:bit Python editor.



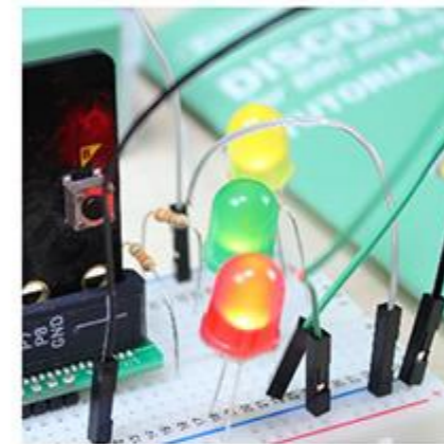
Simple Build

No soldering here! Simply slot the components into the breadboard...and pull them right out again.



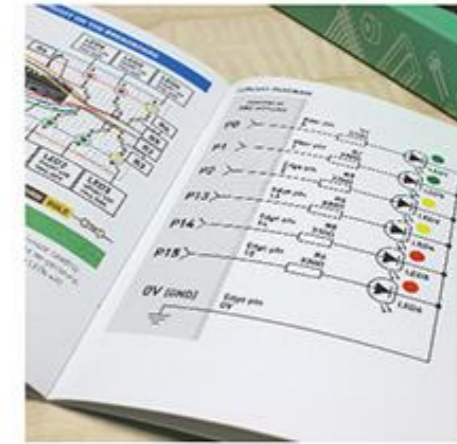
Further Learning

Think you've got it all solved? Push yourself with extension challenges after every experiment.



Build New Projects

Unleash your imagination and make your own circuits on the reusable prototyping system.



Electronics Explained

Clear circuit diagrams and explanations make getting to grips with electronics easy.

Tutorials

- LED Control Circuit
- Buzzer Jukebox
- Lights in sequence
- Digital LED Thermometer
- Traffic Light With Pedestrian Crossing