Bibliotech

littleBits Resource Guide

littleBits Guidelines

Difficulty Level: Easy

littleBits is a tool for learning about how electronics work. The pieces magnetically snap together. They are colour coded and labeled so that you can quickly see what each part does. The included booklet provides an overview of each individual piece.

Blue bits provide power, pink are inputs that make decisions, green are outputs that do something, and orange are wires that connect them.

Blue bits always come first and input modules only affect the output modules that come after them.

Inventory:
When this item is returned ensure that all of these pieces are found in the package. If you suspect any of these bits have been damaged or are missing a piece, refer to the booklet, which shows pictures of each of these items. More details about this kit can be found here.

The littleBits kit contains 20 bits and 5 accessories:

Blue	Pink	Orange	Green	Accessories
p1 Power (x2)	i3 Button	w1 Wire (x 4)	o3 RGB LED	Booklet
P3 USB Power	i5 Slide Dimmer	w7 Fork	o5 DC Motor	Purple screwdriver
	i16 Pulse	w8 Latch	o6 Buzzer	9 volt Battery & Cables for Power (x2)
	i17 Timeout	w10 Inverter	o11 Servo Motor	Motor Mate (small white piece that attaches to DC Motor
	i20 Sound Trigger		o16 Light Wire	Servo accessories (alternate propellers for servo motor)
	i7 Remote Trigger			USB cable for Power
	i30 Keyboard			

Pro Tip: Keeping colours together, and each item in numerical order, will help you to notice if an item is missing.

Creating:
- The booklet provides a list of handy projects that can be made using these bits and a few additional resources (available in the 'tackle box')
- Use lego, paper, elastics and more to experiment with different outcomes
- Find inspiration and explore user-generated projects made from bits on the littleBits website