

Light Palette

Introduction

In this activity you will use Makeblock's Neuron, along with the Light Palette accessory, to light up the LED Block in the corresponding colour selected on the palette. This activity has connections to Art, Science and reinforces basic coding concepts such as cause and effect, and sequences.

Guided Practice

- Remove the Art Palette, Bluetooth Block, Buzzer Block, Funny Touch Block and Cable, Power Block, and LED Block from the Neuron kit and assemble the blocks and connect the cables as shown:

Block List :



- Touch each colour's connection, along with the Ground (the non-coloured connection). The LED Block should light up with the corresponding colour.

Independent Practice

- Connect the Bluetooth Block, and the Buzzer Block to the system. Connect the system to the Neuron App and use the CODE section to program the tones to be different depending on the colour.
 - Program the tones to re-create a simple song.

