Interactive Art / Sound Display using Makey Makey- Using "Audio Sampler" App— 6 Keys

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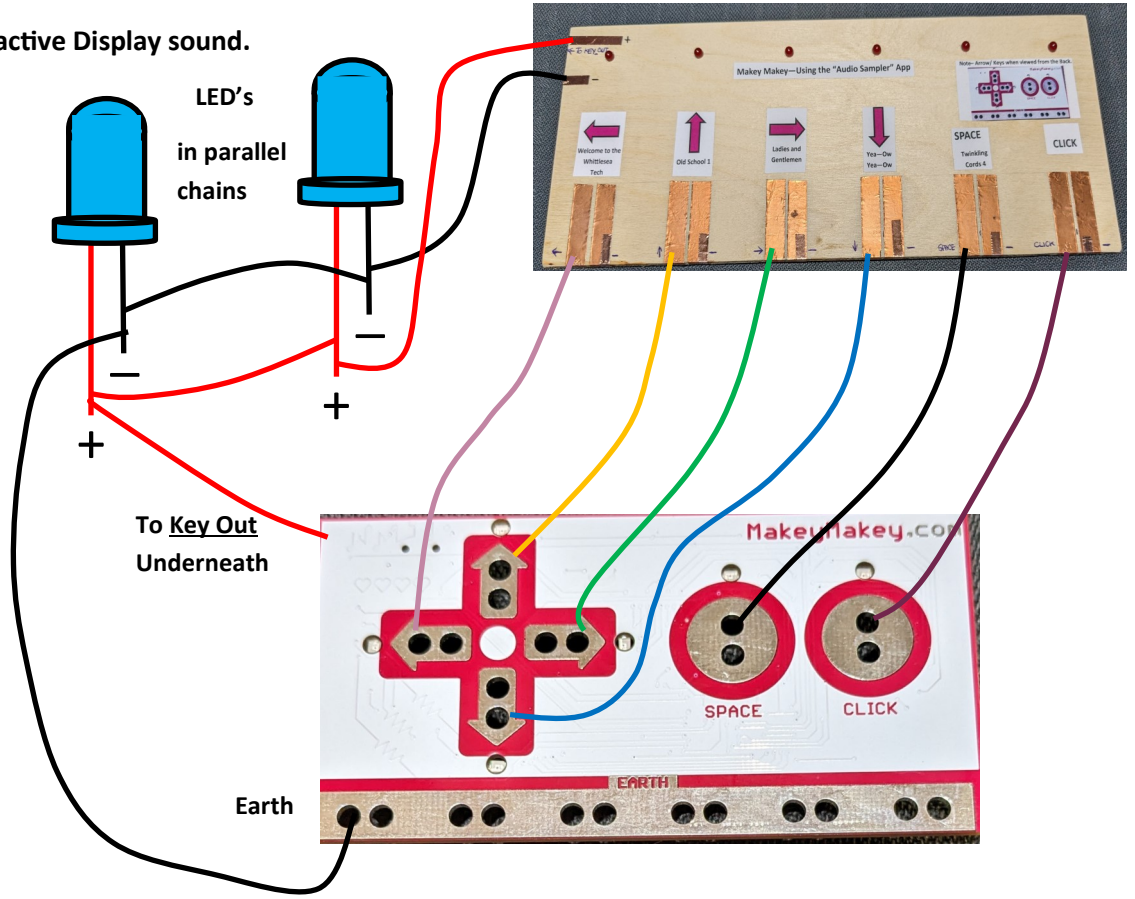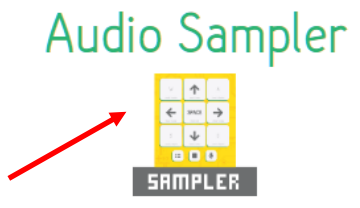
Note—The right hand side of Keys are all connected underneath to Earth to reduce the number of Leads.

Design Brief — Using LED's, Conductive Copper Tape and a Makey Makey, construct an Interactive Art / Sound Display.

How It Works — Touch the various Keys, to illuminate and make your Interactive Display sound.

Construction Steps

1— Design your Art Work and Key setup for your own Interactive Display.

2—Using conductive Copper Tape to make the Keys.

3– Insert the LED's in parallel chains (ie ++++, - - - -) into your Design.

 (Note –You must use the same colour LED's to light them up equally)

4—Using Alligator Clip Wires attach the circuit, as in the attached diagram.

5—Attach the USB cable from your Computer to the Makey Makey.

6 — Search on the web "Makey Makey".

7— Open Makey Makey and select "Apps".

8—Select "Plug and Play Apps".

9—Select "Audio Sampler" and press "Play".

10—Select the bottom left hand pull down menu. (.——)

11—Pick and Drop your choice of Sounds, on to the 3x3 option arrows/letters.

12— Click the Save symbol Button below the 3x3 Keypad, to save a copy into your Downloads Folder, if using your own Computer, to retain for next time.

13—Touch the 6 Keys to play your Interactive Art / Sound Display or mouse click the 9 buttons on the app.

LED's in parallel chains

To <u>Key Out</u> Underneath

Earth

Note—View from back of the Makey Makey