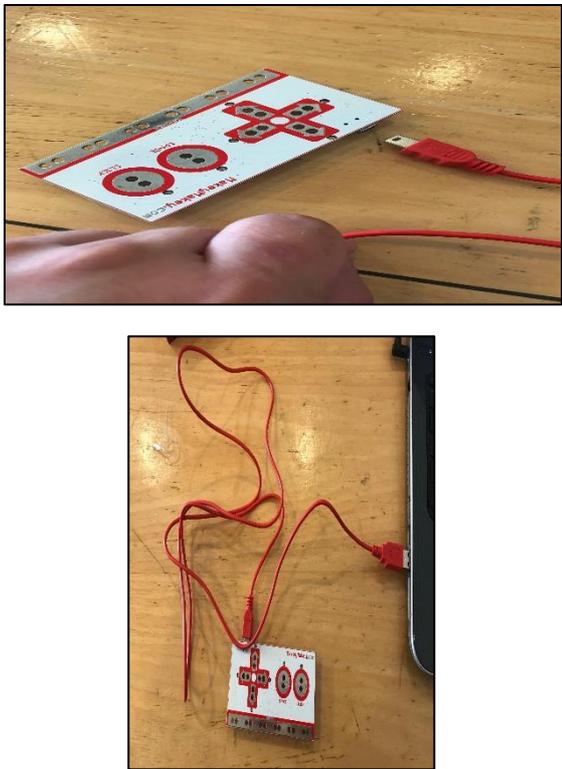
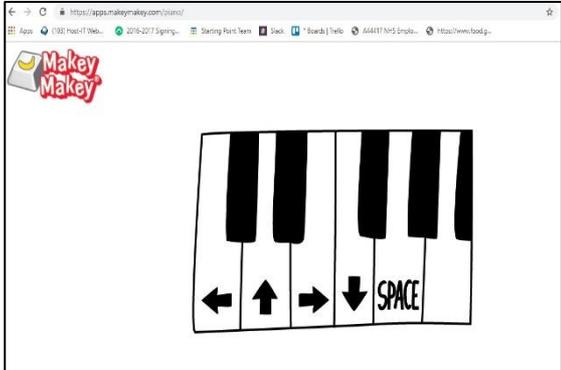


MaKey MaKey – Making a Banana Piano

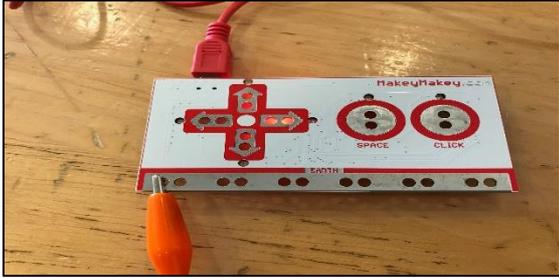
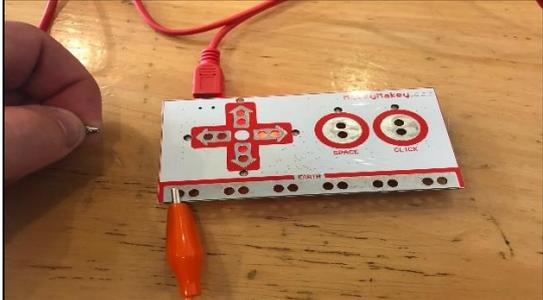
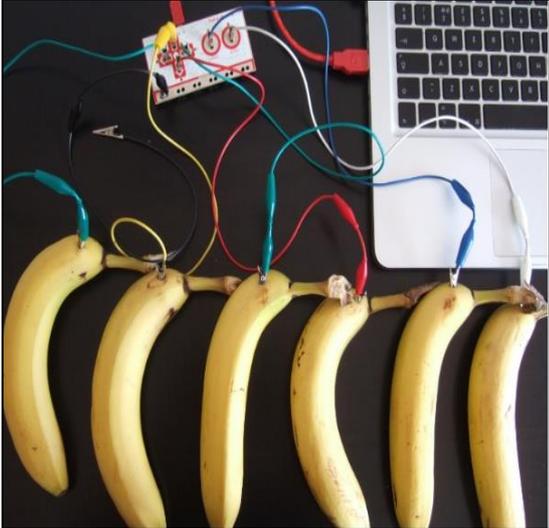
This activity is a great starter point for those wanting to use MaKey MaKey to have different objects replace a computer keyboard. In this instance, they'll be playing a virtual piano using bananas.

You will need the below per group of 5 children:

- 1 x MaKey MaKey kit (including Mini-B USB Cable)
- 6 bananas
- Alligator clips, if they don't come as part of the MaKey MaKey kit
- Computer with internet access

<p>1 Firstly, we need to connect MaKey MaKey to the computer using the Mini-B USB cable. You need to plug the small side of the USB cable into the MaKey MaKey board and the large side into the USB slot in your computer.</p>	
<p>2 We now need to access the website that has the virtual keyboard on it. To do this, open a web browser and go to www.makeymakey.com/piano. This keyboard is designed specifically to work with MaKey MaKey and can be played by pressing your computers keyboard arrows, space bar and clicking your mouse.</p>	

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3	<p>Next we need to connect to Earth. On the MaKey MaKey board, there is a section marked as 'Earth'. Connect one end of the alligator clip to this section.</p>	 A photograph of a white MaKey MaKey board on a wooden surface. A red USB cable is plugged into the top. An orange alligator clip is attached to the 'EARTH' terminal on the bottom edge of the board. The board has four arrow keys (up, down, left, right) and two buttons labeled 'SPACE' and 'CLICK'.
4	<p>Now we need to 'ground' ourselves. To do this, we need to hold the other end of the alligator clip, that is in the section marked 'Earth', between our fingers. This grounds us and allows us to begin the circuit with the bananas.</p>	 A photograph showing a hand holding the orange alligator clip between the fingers. The clip is still attached to the 'EARTH' terminal of the MaKey MaKey board. The board is on a wooden surface.
5	<p>We now need to connect our bananas to the MaKey MaKey board. Using the alligator clips, connect a banana to each of the various sections of the MaKey MaKey board. These sections are the up, down, left and right arrow, the space bar and the left-click of your mouse. Once each banana is connected, and ensuring that the circuit is grounded, you should be able to play a melody with your banana piano.</p>	 A photograph of a 'banana piano' setup. Six yellow bananas are lined up on a dark surface. Each banana has an alligator clip attached to its stem. Colored wires (red, blue, green, yellow) connect the clips to the MaKey MaKey board. The board is connected to a laptop via a red USB cable. The board is also grounded to the laptop's metal casing.