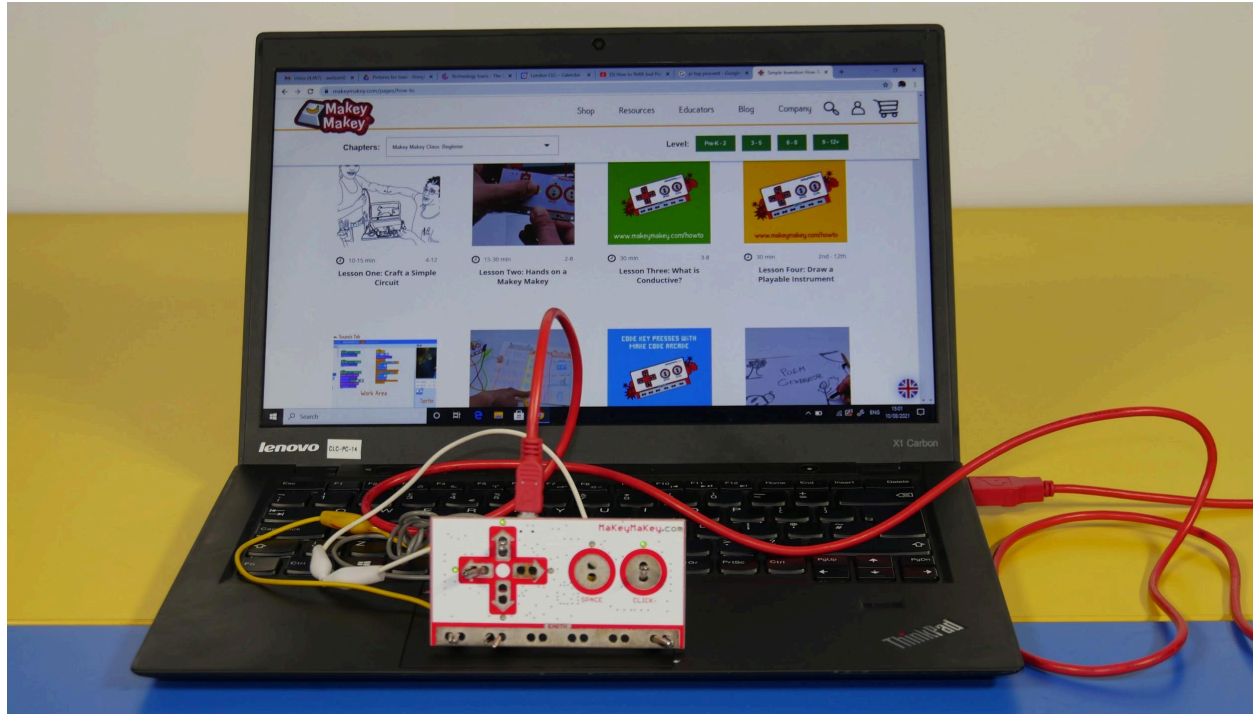
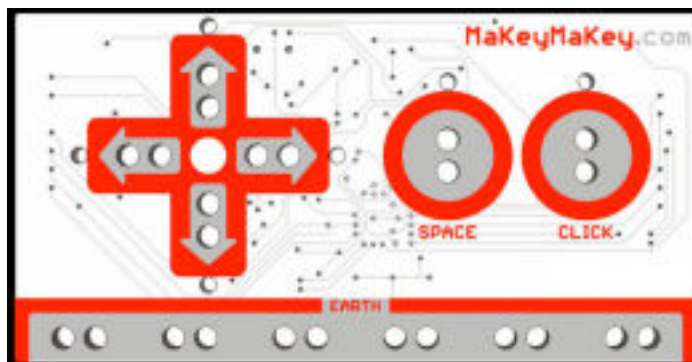


## Makey Makeys

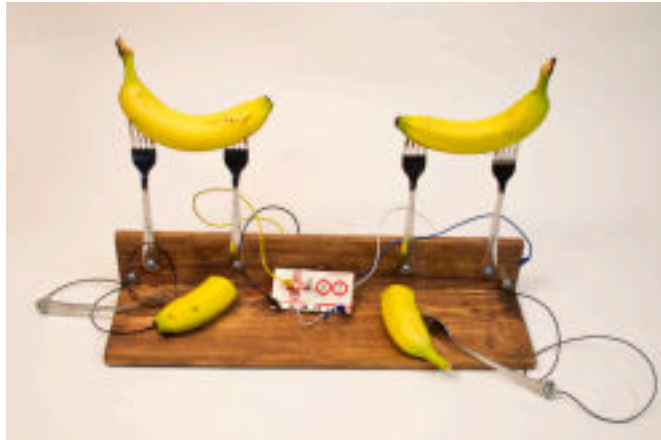
Makey Makeys can transform any conductive object (including bananas - or even pupils!) into a computer keyboard button, creating the potential for a plethora of creative electronics or computing projects.



### Components



The board contains several pairs of holes designed to attach crocodile clips to. Each pair represents a key or control on a computer keyboard or mouse - apart from the all important "Earth" section at the bottom.



The crocodile clips come in several colours and allow you to create circuits from any key to the “earth” - perhaps via an object of your choice.

The USB cable connects the Makey Makey to your computer. The first time you plug it in it may install “driver software” but don’t worry - this should only take a few moments and allows the devices to communicate properly. The USB also gives the Makey Makey its power, via your computer.

## In your classroom

- To get the Makey Makey working, attach one crocodile clip to a button - for example, “SPACE”. Leave the other end loose and attach a second wire to “EARTH”, at the bottom.
- If you allow two loose crocodile clips to touch each other you will complete the circuit, telling the computer that the space key is being pressed.
- You can build up more controls with more clips; for example, try attaching them to the arrow keys.
- You now have the basis for a simple game controller which you can use with a Scratch project or any other game that uses the arrow keys!

Check out <https://makeymakey.com/pages/how-to> for lesson plans and activity ideas.