Makey-Mole

Whac-a-Mole with an electric hammer.
Create your Scratch *Whac-a-mole* game first.
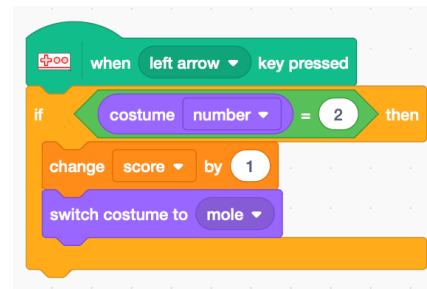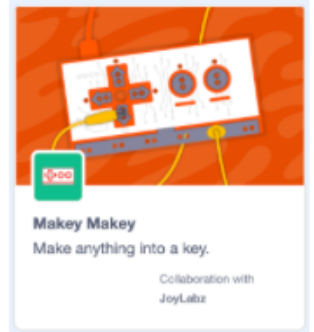
- **Add the Makey Makey extension**
- **In the first mole change When this sprite clicked to when Makey key pressed.**
- **You want three moles side by side.**
- **For each mole select:**
  - ○ **first mole is left arrow**
  - ○ **Second mole is up arrow**
  - ○ **Right mole is right arrow**

Now make three play-doh buttons
(Play-Doh conducts electricity!)

- **Take three blobs of Play-Doh and roll them into balls using the palm of your hand.**
- **Squish the Play-Doh balls into a flattish 'pizza' with the base of the tub.**
- **Squish a crocodile clip into each button and connect them to the three Makey inputs.**
- **Put the anti-static wrist-strap on the hand you want to play with.**
- **Connect the wrist-strap crocodile clip to earth.**

The hammer has a copper strip that completes the electric circuit.

When a mole appears, you must whack its Play-Doh button with the mallet.

An electrical circuit is created from the Makey input, through the Play-Doh button, along the mallet to your hand, through your body and down the wrist-strap to earth.

Materials:

- **Makey Makey**
- **Tubs of Play-Doh**
- **Anti-static wrist straps.**
- **5mm wide Self Adhesive Copper Foil Tape**
- **Mini wooden mallets**

Prepare the wooden mallets by sticking a single length of copper foil along the length of the handle and around both faces of the mallet head.