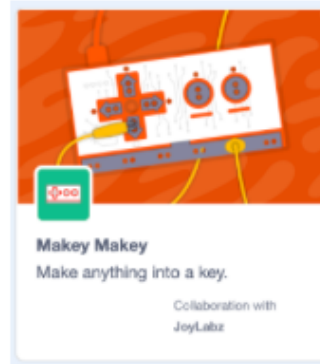


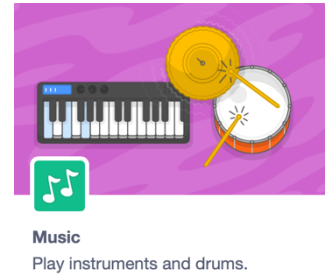


Guitar Hero

Add Makey Makey Extension



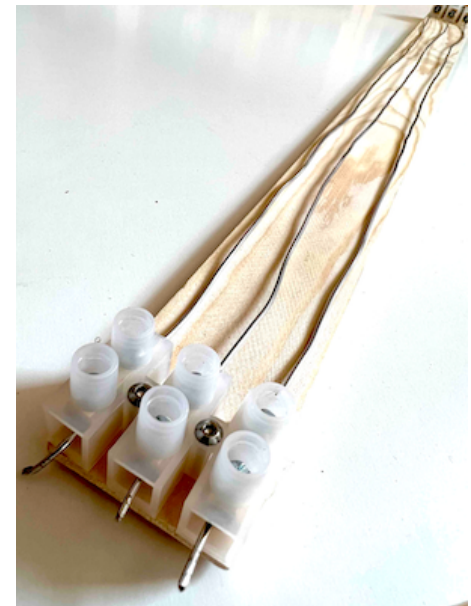
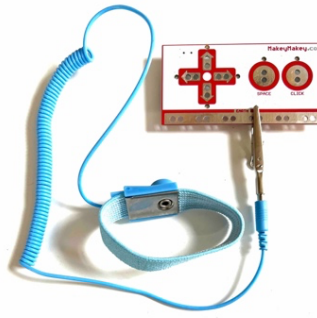
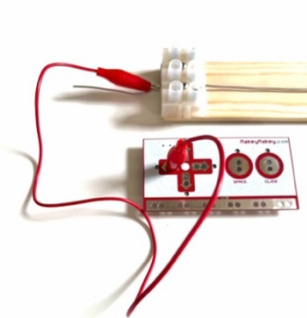
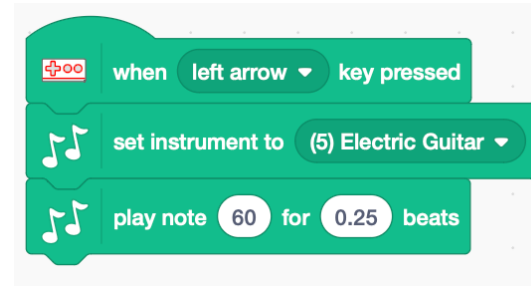
Add Music extension



Make an electric guitar with the Makey Makey.

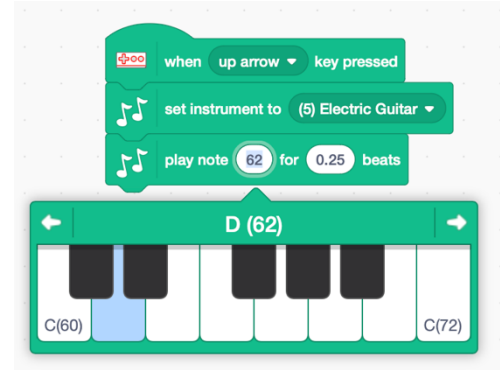


- Add a “guitar” sprite, and angle it so that Scratch the cat appears to play it.
- Add Makey code to the guitar to detect **when key pressed**.
- Select the **Electric Guitar instrument**
- **play note**
- Thread the guitar wire through the holes in the terminal blocks at each end.
- Tighten the screws with a screwdriver.
- Do this for all three strings.
- Use a crocodile clip to connect the first string to the Makey input selected in your code.
- Put the anti-static wrist-strap on the hand you want to play the guitar with.
- Connect the wrist-strap to earth.



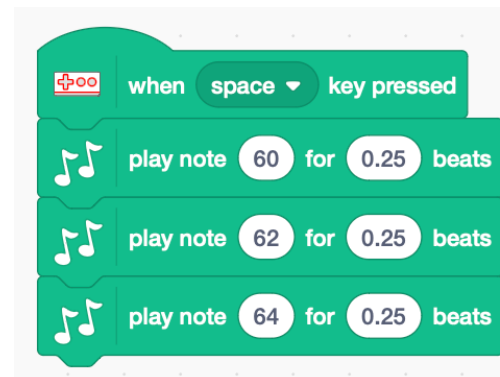
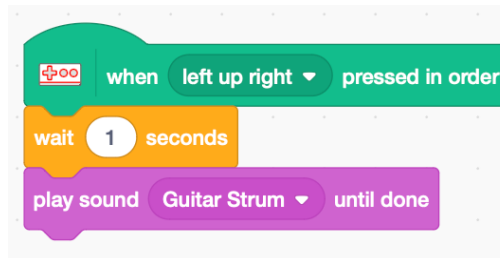
Make a circuit by touching the guitar string.

- Do this for all three strings, connecting them to **left, up, right** and adding code, increasing the **pitch** of the note for each one.
- Click on the note and a musical keyboard appears.



In the original “Guitar Hero” game you have to play the notes in the right order to win.

- On the sounds tab, add a nice “guitar strum” sound.
- Test for the notes being **pressed** in the right order.
- Choose from:
 - left, right
 - right, left
 - left, up, right
 - right, up, left
- **Play sound** if they get it right.
- Play your guitar hero the notes they have to play. Playing the notes in sequence when you touch space on the Makey.



Materials:

- Makey Makey
- Thin wooden strips about 60cm long 4.5cm wide.
- 60 Amp Terminal block cut into threes.
- 15 Gauge 1.5mm Aluminum Craft Wire (65cm lengths)
- Anti-static wrist straps.
- Drill two holes at each end of the strip and mount the blocks.