**A screenshot of a music device

Description automatically generated with low confidence**A screenshot of a computer

Description automatically generated with low confidenceA picture containing text, graphics, font, logo

Description automatically generated

Add Music extension

**Guitar Hero**

A cartoon cat playing a guitar

Description automatically generated with medium confidence

*Make an electric guitar with the Makey Makey.*

* Add a “guitar” sprite, and angle it so that Scratch the cat appears to play it.
* A screenshot of a phone

  Description automatically generated with low confidenceAdd Makey code to the **guitar** to detect **when** **key pressed**.
* Select the **Electric Guitar instrument**
* **play note**
* A picture containing indoor

  Description automatically generated with medium confidenceThread 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.

A picture containing cable, electrical wiring, electronics, electronic engineering

Description automatically generated**A picture containing text, cable, medical equipment

Description automatically generated**

A screenshot of a computer

Description automatically generated with low confidence*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.*

* A picture containing text, screenshot, font, logo

  Description automatically generatedOn the sounds tab, add a nice “**guitar strum**” sound.
* Test for the notes being **pressed** in the right order.
* **A screenshot of a game

  Description automatically generated with low confidence**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.**