



Add Makey Makey Extension

Makey Music

Make music come to life with Makey Makey.

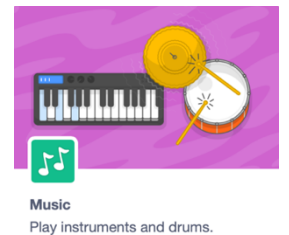
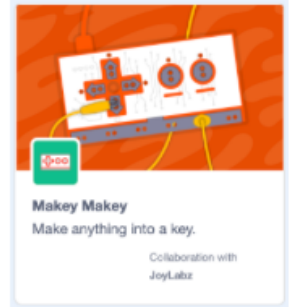
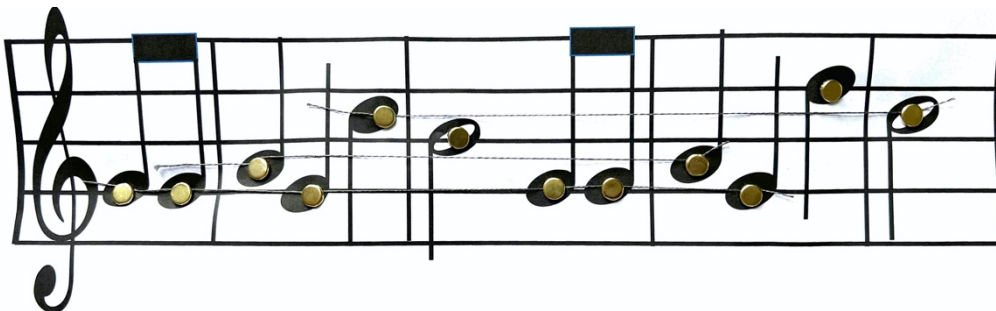
- Add the Makey Makey extension
- Add the Music extension

*A musical staff has five horizontal lines, each one representing a different pitch. **Notes** on the same line, or in the gaps in between have the same pitch.*

- Press a brass fastener through the centre of each note, on the line, or in the middle of the gap.
- Splay out the fastener legs at the back. Splay them vertically so they don't touch.

Each note has a letter from A to G indicating its pitch. Notes of the same pitch can be connected together as a single input to the Makey.

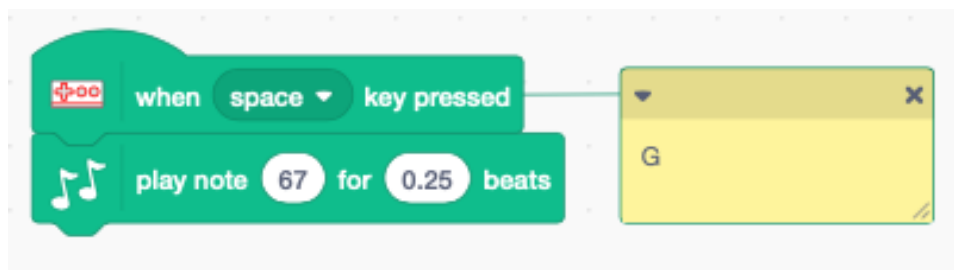
- Connect notes with the same letter, A to G, with **conductive thread**. Wind the thread once around the fastener head to make a good connection.



Connect each of the notes to the Makey inputs with these pitches.

G	space	play note 67
A	left-arrow	play note 69
B	up-arrow	play note 71
C	right-arrow	play note 72
D	down-arrow	play note 74

- Using crocodile clips, Connect the notes to the Makey inputs above.
- The code for the G note is shown below.



- Add code for each input, with the key and note from the table above.
- Add comments to remind you what note it is by right-clicking on the code then **Add Comment**.
- Put the anti-static wrist-strap on the hand you want to play with.
- Connect the wrist-strap crocodile clip to earth.
- **Set instrument** when you run the code. Experiment with different instruments.



*Play the tune by touching each note in turn.
Leave your finger on the hollow notes for longer.
The curly symbol at the start is called the clef.*

Materials:

- Makey Makey
- Download and print A3 landscape sheet music: <https://codeclub67.github.io/images/happy-birthday.pdf>
- Brass-headed paper fasteners
- Conductive Thread (sold on Amazon as 30ft bobbins)
- Anti-static wrist straps

