
Making Simple Interactive Classroom Adventures with Makey Makey

GoSTEAM 2023 Summer PD

Examples of Makey Makey Projects.

[Exercise Games with Scratch & Makey Makey - YouTube](#) (1:21)

[Makey Makey Fraction Generator - YouTube](#) (0:51)

[Makey Makey Large Scale Floor Piano - YouTube](#) (1:13)

[Makey Makey Toilet Tube Tilt Sensor - YouTube](#) (3:01)

[Interactive Drawing Tips for Makey Makey - YouTube](#) (1:10)

Simple and Interactive for the Students

No Programming Required! Can be used with Scratch or Makecode. No drivers to install, no IT involvement, Chromebook friendly.

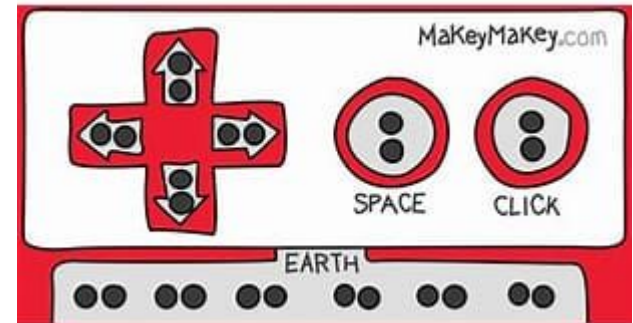
Sends keystrokes to you computer based on touch (fruit) or completing a circuit. **Makey Makey is simply a keyboard replacement.** Lets see the demos.

- [Document example - 2nd keyboard](#)

[IS IT CONDUCTIVE - Makey Apps \(makeymakey.com\)](#)

[PIANO \(makeymakey.com\)](#)

[Beatbox Quartet on Scratch \(mit.edu\)](#)

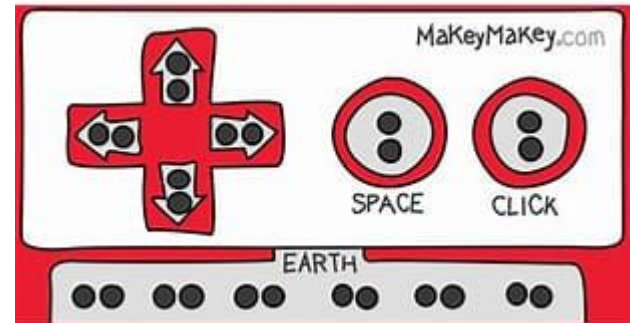


Rich Media and Interactions in Platforms you already know.

Raspberry Pi, Microbit, and Arduino can't play a video, MP3 file, and play a game, by touching fruit on your laptop, this easily. You can use presentation software on your laptop to do this.

[Great Black Poets for Black History Month on Scratch \(mit.edu\)](https://www.mit.edu/~ecps12/Scratch/BlackHistoryMonth.html)

[Interactive Poster \(makeymakey.com\)](https://www.makeymakey.com/) (3 min)



Examples of Triggering or Completing the Circuit (not usually seen)

Can use Copper Tape, Conductive Ink.

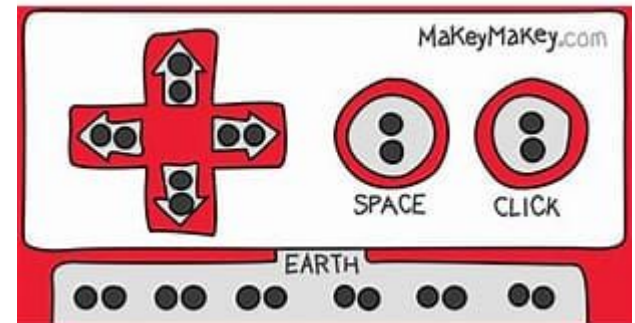
Reed Switch - Magnetic Switch

Use These wires, NO (Normally Open)

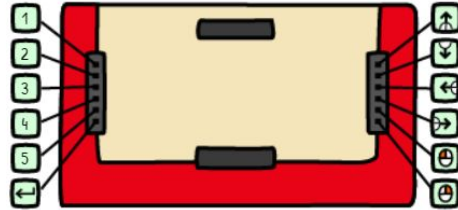
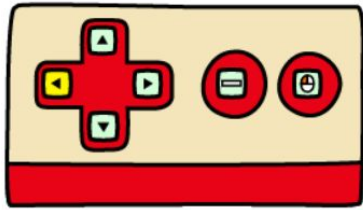
Brown Wire

White Wire

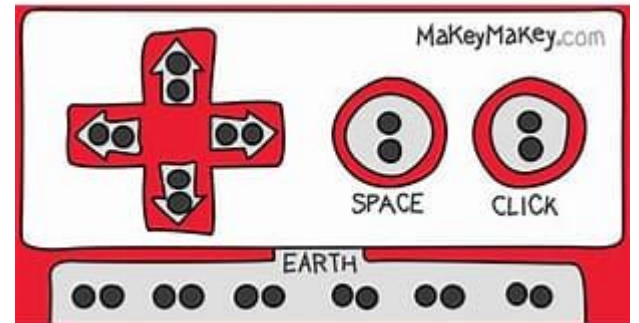
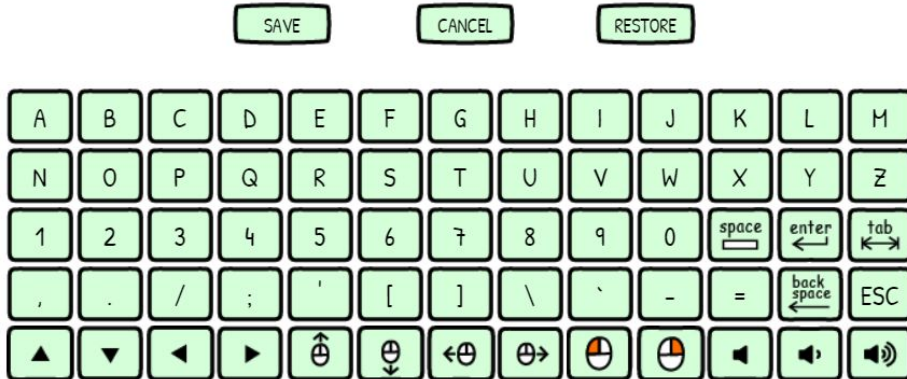
Google Slides with Wand



Reassigning keys to your Makey Makey



[Remapping Your Makey Makey](#)

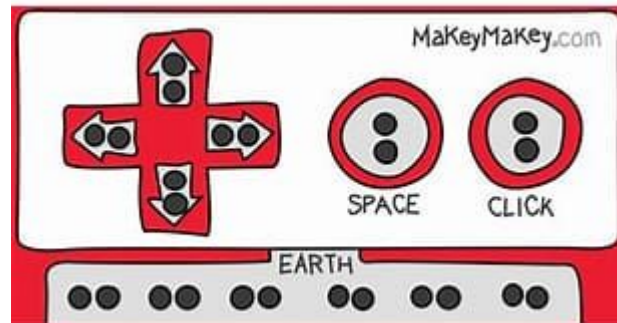


Experiment with your Makey Makey

Use the apps on the makey makey site and test it out.

- Try using the reed switches.
- Try using touch.
- Try an app that you normally use.

[Plug and Play Makey Makey Apps](#)





Good luck!

We hope you enjoyed the presentation!

For more information, go to
[MakeyMakey.com](https://www.MakeyMakey.com)