HOW TO MAKEY MAKEY

1 Unpack the Kit

Unpack the Makey Makey kit. Locate the circuit board, red USB to circuit board cable, and the alligator clips. Everything else in the kit are extra materials that you can use if you want to.

2 Locate Needed Materials

The only required item the kit doesn't come with is a computer. For materials, feel free to use those included in the kit. Otherwise, locate any conductive materials you have lying around. Scavenger hunt! For a list of possible materials you can use visit www.arpinpl.org/makey

3 Plug in USB

The small side of the USB cable plugs into Makey Makey, and the big side into a computer. If a popup window opens when you plug the USB into the computer, click cancel or close the window.

4 Connect to Earth

Connect one end of an alligator clip to "Earth" on the bottom of the front side of the Makey Makey.

5 Connect to Yourself

Hold the metal part of the other end of the alligator clip between your fingers. You are now "grounded". For an easier connection, attach the metal part of the end of the alligator clip to a pipe cleaner. Then, wrap and tie the pipe cleaner around your wrist. Make sure that your skin is touching the metal part of the alligator clip. Be careful not to pinch your skin in the clip!

6 Test

While "grounded", touch the round "Space" pad on the Makey Makey. You should see a green light turn on. You've successfully connected the Makey Makey!

7 Explore & Create

Add more alligator clips to the "Arrow", "Space", and "Click" pads on the Makey Makey. Connect the other ends to other conductive materials found in the Makey Makey kit and let your imagination run wild with what you can do! For resources and inspiration to get you started, visit www.arpinpl.org/makey. Watch a video or two two see what Makey Makey can do, and browse a list of websites and games you can use Makey Makey to interact with. Creating navigation and game controllers is up to you though!

When You're Done...

Pack away the Makey Makey Kit as you checkout it out. Please ensure all materials listed under the 'Kit Inventory' section on the back of this sheet are present before you return the kit to the library.

IMPORTANT MAKEY MAKEY INFORMATION

RULES & GUIDELINES FOR USE

1. At no point should any wires or the circuit board come into contact with water..
2. Please handle the circuit board with care. It is fragile and if broken, renders the entire Makey Makey kit useless. Replacement cost for broken, unusable, or missing circuit board is $50. Other charges may incur for missing alligator cables, USB cable, etc.
3. This Makey Makey kit comes with everything you need to create fun interactions except a computer. A computer is required in order to use this kit, so make sure you have one available.
4. If using food, Play-Doh, or other messy materials that may leave residue on the alligator clips, do not insert the metal end of the alligator clips directly into the material. Insert a different conductive material (like a paper clip) into the messy material first, then attach the alligator clip to that other conductive material.

KIT INVENTORY

Makey Makey Materials
- ☐ Makey Makey circuit board in padded Makey Makey box
- ☐ 1 red USB to circuit board cable
- ☐ 17 alligator clips
- ☐ 6 white connector wires
- ☐ Makey Makey factory instructions

Extras
- ☐ 3 jars of Play-Doh
- ☐ 8 tin pie plates
- ☐ 1 pipe cleaner
- ☐ 4 small metal plates
- ☐ Makey Makey Kit Instructions, Rules & Guidelines, & Inventory (this sheet)

TIPS & SUGGESTIONS

1. Make use of our Makey Makey resources webpage at www.arpinpl.org/makey for more information regarding materials to use and for inspiration on what to create.
2. Use the pipe cleaner to create an easier ground connection. Attach the metal part of the end of the alligator clip to a pipe cleaner. Then, wrap and tie the pipe cleaner around your wrist. Make sure that your skin is touching the metal part of the alligator clip. Be careful not to pinch your skin in the clip!

PROBLEMS?

Please be sure to let a Librarian know if there are any issues with this kit or if pieces are missing.