1. Plug board into computer

The red light should turn on.

2. Close any pop-ups

3. Connect yourself to EARTH

Tip: removing cover makes cable easier to hold.

4. Try the board

Your computer should think "space bar" was pressed. If not, try pressing more firmly or licking your finger.

5. Connect everyday objects

Clip object to board. Tip: try metallic objects, food such as fruit, etc. Not all objects work.

6. Make banana bongos!

When you touch bananas, computer thinks you're pressing space bar and left arrow key. At this web page, those keys make noise on the bongos!

I can't get a key to press!

PLUGGED IN? Make sure your Makey Makey is plugged into the computer.

RED LIGHT? The Makey Makey should have a red light on the back showing that the power is on. Is it lit? If not something is wrong with the computer, the USB cable, or the circuit board.

USB 3.0? If the USB connector on your computer is blue, it's USB 3.0, and may not work with Makey Makey. Try using a USB 2.0 port.

KEEP IT SIMPLE. Try making a connection in the simplest way you can. One way is to connect an alligator cable to "EARTH" and then touch other end to "SPACE."

GREEN LIGHT? When you make a connection, you should see a LED light up on the front of the Makey Makey.

CONDUCTIVE? When you are making a connection using everyday materials they need to be at least a little bit conductive. For example, Play-Doh, a banana, your skin, or aluminum foil should work, but plastic, most fabrics or paper will not work directly. You can always combine materials, for example, by wetting the paper or putting Play-Doh onto the plastic.

One of the keys won't stop pressing over and over!

UNPLUG AND REPLUG? Try unplugging the Makey Makey from your computer, then plug it back in again.

BAD POWER SUPPLY? If you are using a laptop, try disconnecting the power supply from the wall and use the battery instead.

REBUILD? Disconnect all of your alligator cables from the Makey Makey, then start reattaching them one by one. If your stuck key is still pressing, have a look at your connections. They might be touching accidentally somehow. Try taking things apart and putting them back together again.

ACCIDENTALLY GROUNDING? If one of the objects connected to the Makey Makey is your body, then perhaps you are "grounded" to the earth via touching your computer's metal case, or by not wearing shoes. Take a step back and see what you are touching.

SHORT CIRCUIT? Perhaps one of the objects connected to the Makey Makey that you think is well insulated is not. For example, if you connect a banana to your Makey Makey and it's sitting on a wooden cutting board, is that cutting board moist or dry? If it's moist then perhaps all of your bananas on the cutting board are connected to each other through the cutting board, try a dry table instead.

TOO WET? Is it raining? Is it extremely humid—are you in a rainforest? This can sometimes cause porous materials, such as paper or clothing, to become conductive.

It works sometimes, but not other times. : (}

Your materials might not be conductive enough. For example, if you are making a connection with your finger, it can help to moisten your skin by licking it. The Makey Makey board may also stop its operation as a result of electrostatic discharge in the environment. Should that occur, simply reset the item by unplugging and replugging the USB cable in the USB port.

LEARN MORE AT MAKEYMAKEY.COM/HOWTO
**IDEAS TO GET YOU STARTED**

**Fist Bump Remote Control**

You need two people.

Connect Makey Makey® to computer using USB cord.

One person connects an alligator cable to EARTH and holds the clip.

Another person connects an alligator cable to CLICK and holds this clip.

Start a YouTube video and leave the mouse hovering over the start/pause button.

Plug the board into your computer (using USB cord).

Hold the tinfoil.

Pound it to pause and start!

**Cardboard Guitar Game**

You need a piece of cardboard, tape, five quarters or other large coins, scissors, and some tinfoil.

Cut a guitar shape out of cardboard. Make five little sticky-side-out circles of tape and attach the five coins to the edge of the guitar.

Stick the white wires from your Makey Makey® kit into the A, S, D, F, and G inputs on the back of the board, and attach each white wire to a quarter using an alligator cable.

Wrap tinfoil around the neck of the guitar and alligator clip the tinfoil to EARTH.

When you press the quarters, your computer should think you're pressing the A, S, D, F, and G keys.

Hold the tinfoil.

Go to makeymakey.com/guitar. Clip the quarters to the inputs on the board.

**Veggie Piano**

You need some veggies and a piece of tinfoil.

Arrange vegetables like piano keys.

Make sure they don't touch each other.

Website tells you which key goes to which input.

Make yourself a tinfoil bracelet and connect it to EARTH—now you'll be able to play piano with both hands.

Make a tight fit so it hugs your skin.

Go to makeymakey.com/veganpiano and ROCK OUT!