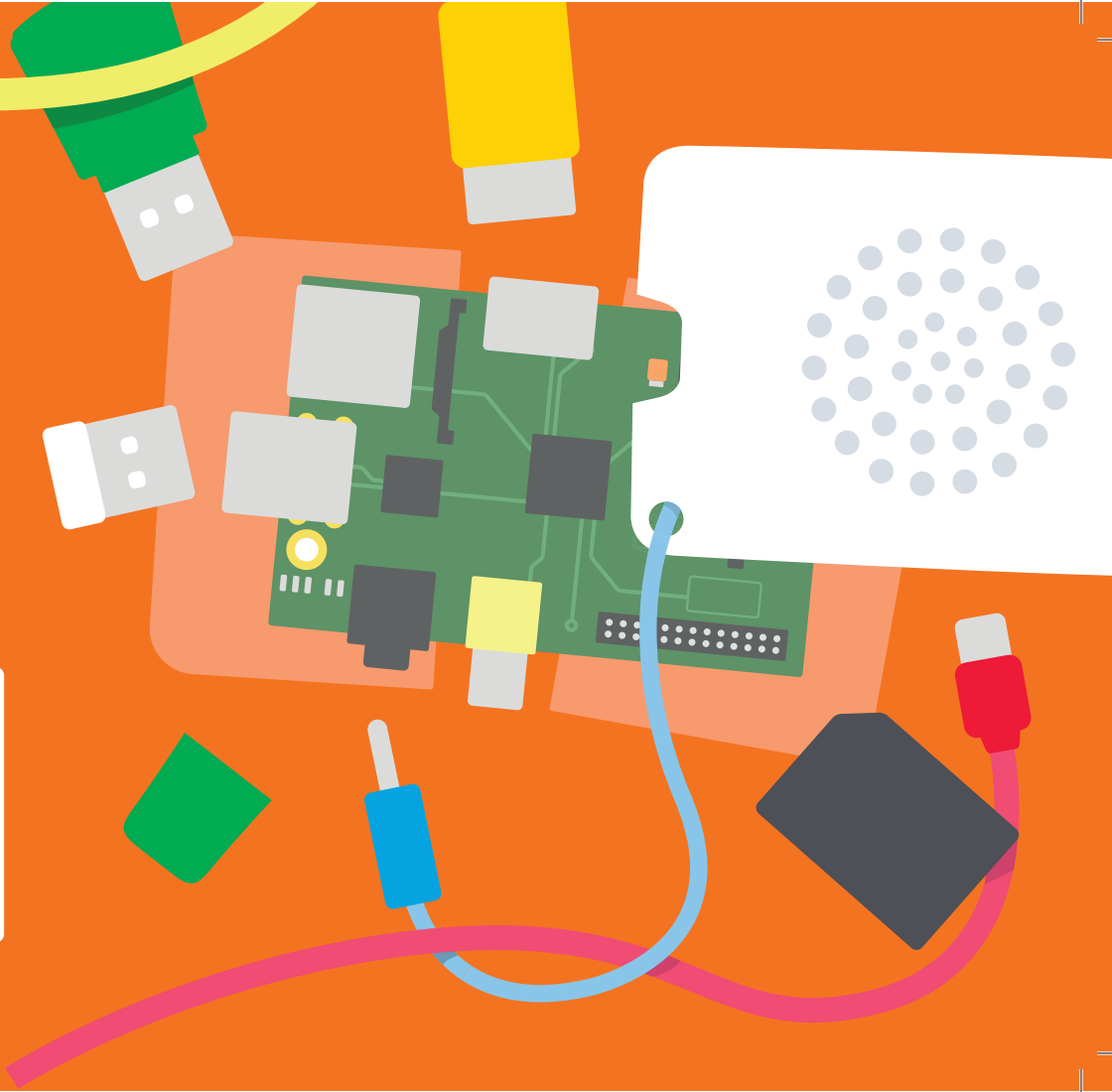
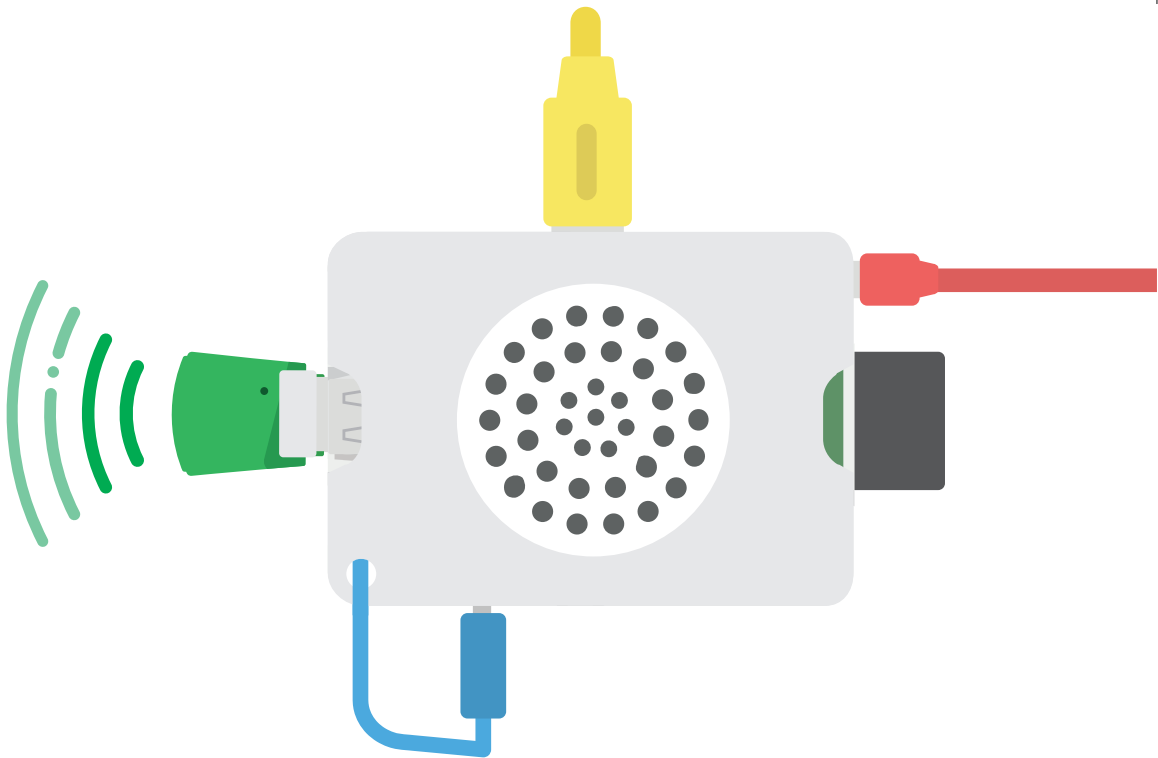




BOOK 1

make a computer



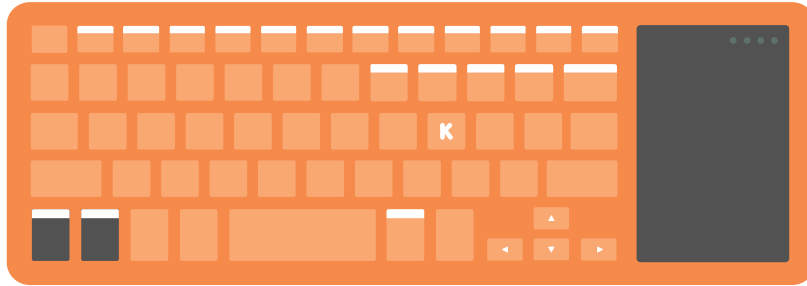


\_\_\_\_\_'s Kano  
Your name here



Hey! I'm Judoka, your Kano companion. Ready to go?  
**Take out the pieces!**

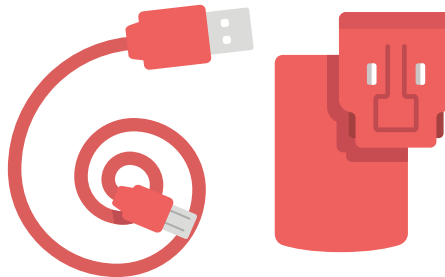
**Keyboard** wireless/bluetooth



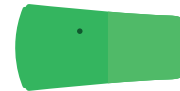
**HDMI cable**



**Power plug and cable**



**Kano OS SD Card**

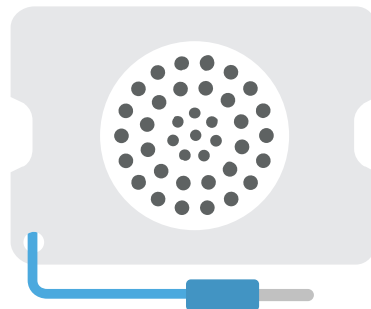


**Wifi USB Dongle**

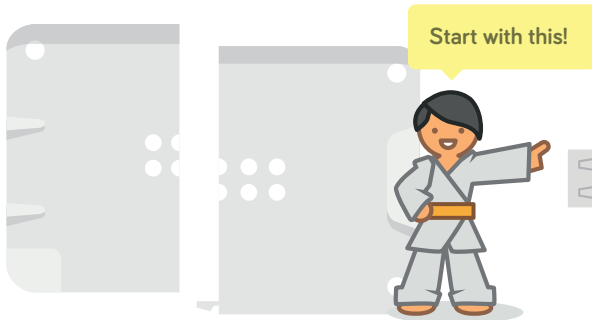
**Case cards** orange and transparent



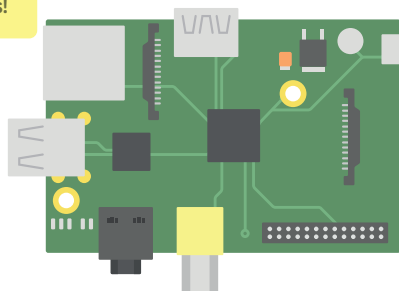
**DIY Speaker**



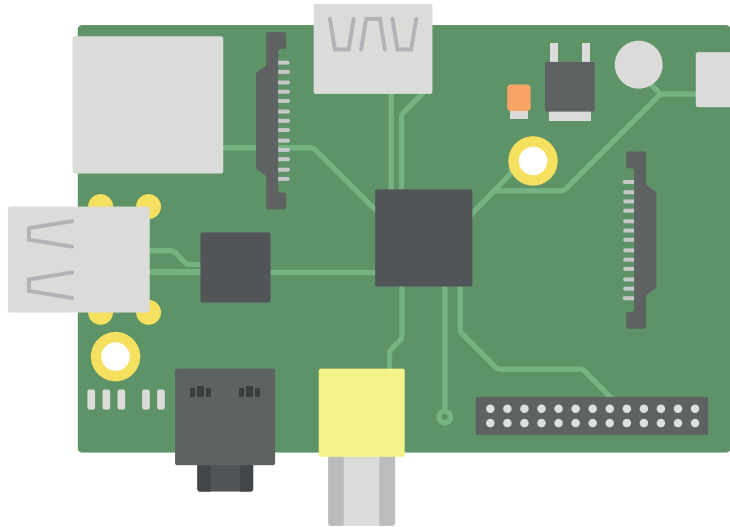
**Custom Case**



**Raspberry Pi Model B**

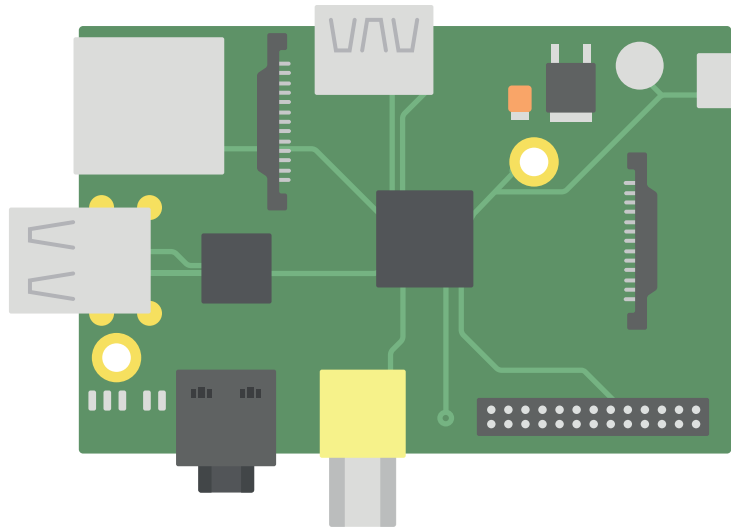


This is your computer's brain



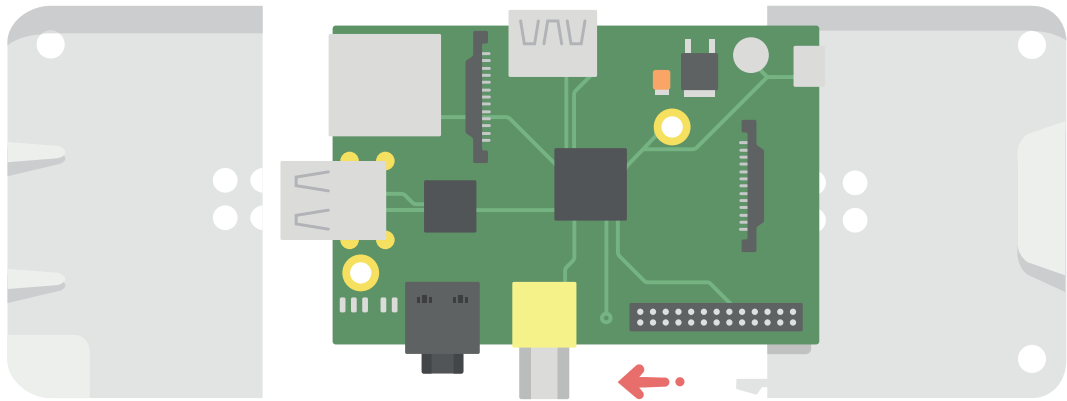
It's tiny, but powerful

To keep it strong and safe,



let's make a case

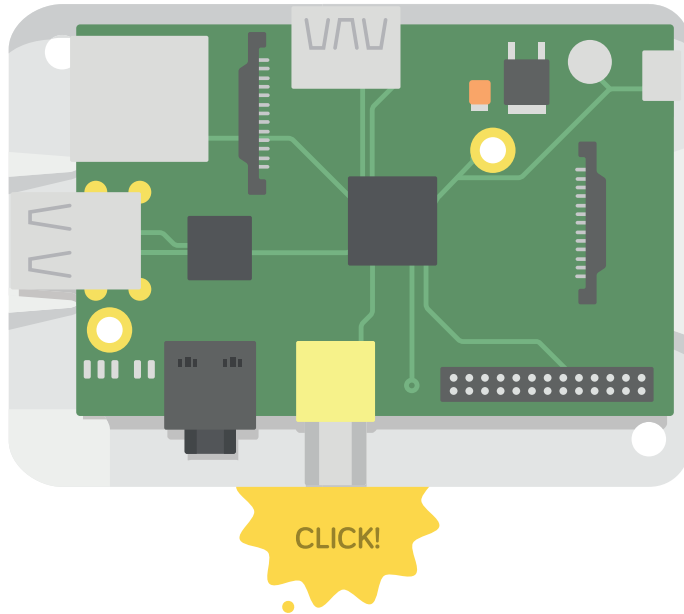
Grab the sides...



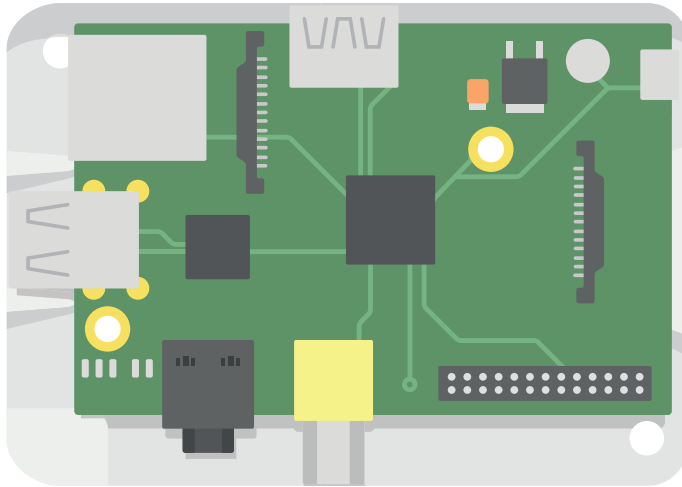
...and line them up



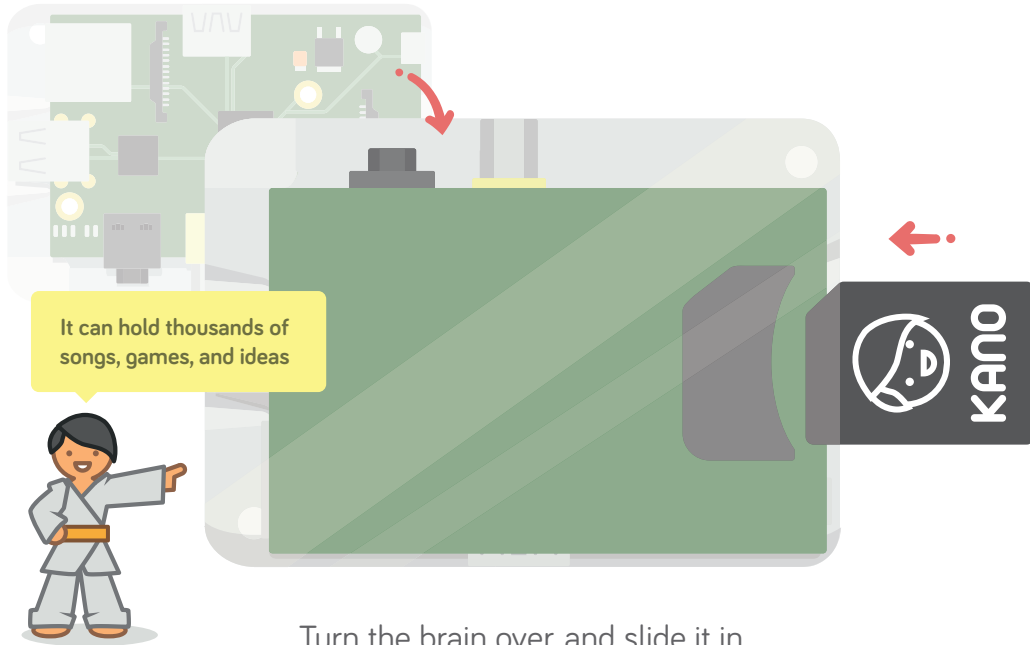
Slide them together



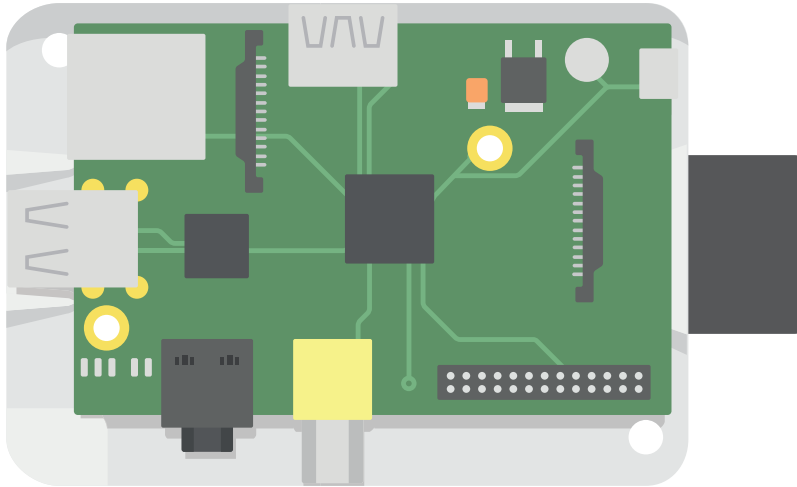
Now let's give the brain new powers



Grab the memory card

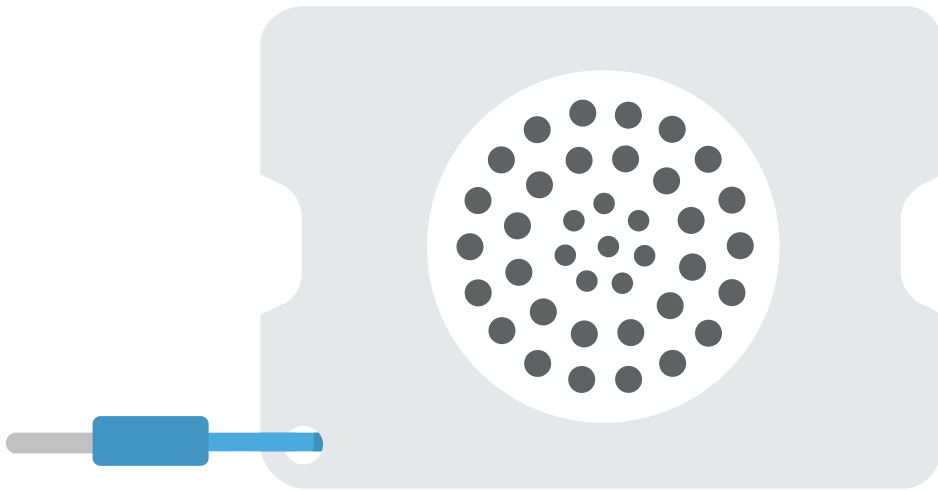


Awesome!

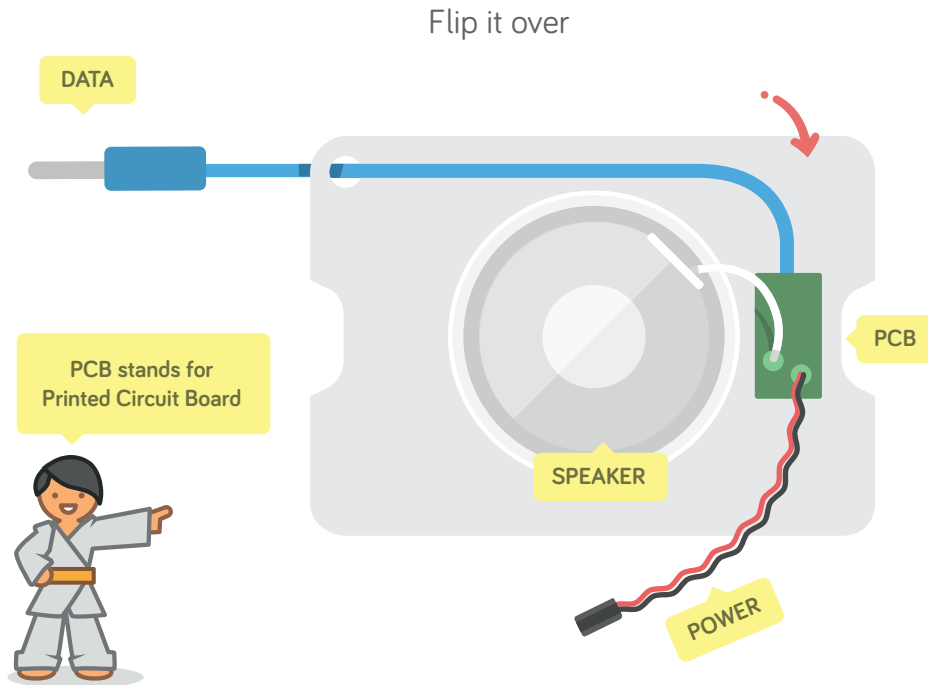


Now you have a brain with armor and memory

Let's give it a voice

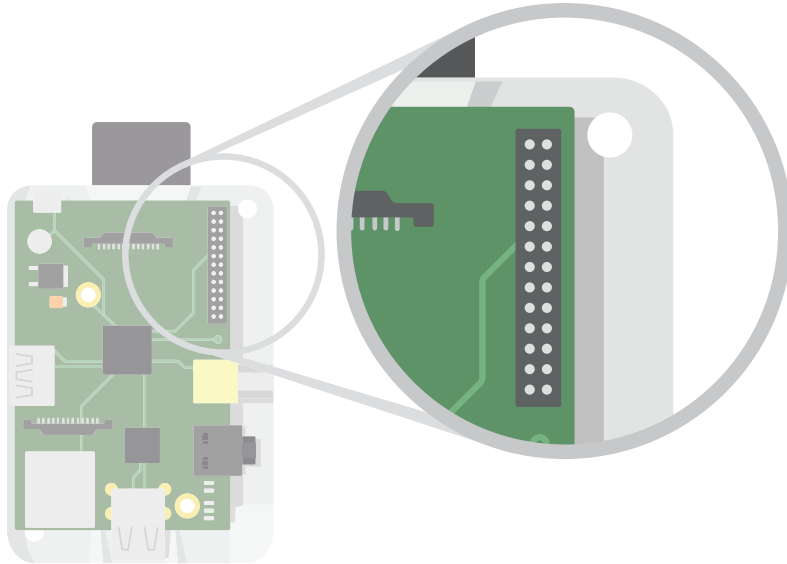


Pick up the speaker



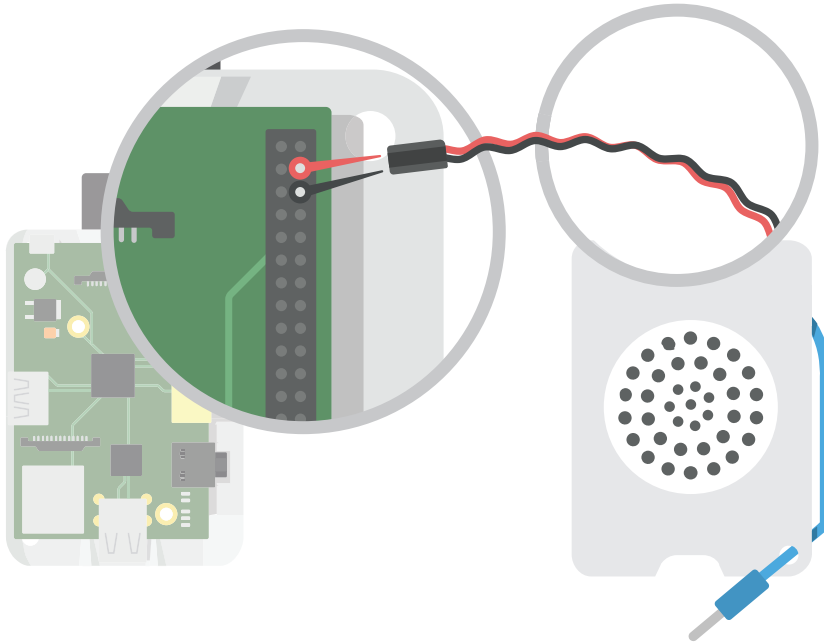
These parts work together to sing songs

Your computer can turn electricity into sound!



Let's borrow electrical power from these pins

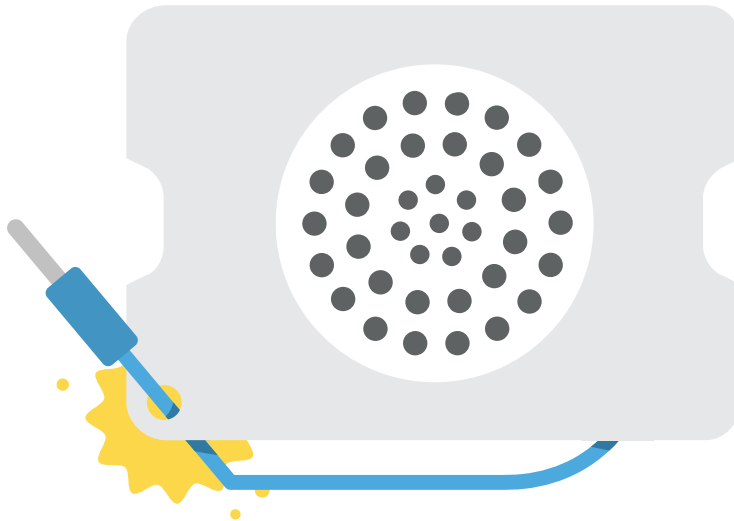
Make sure you connect it like this



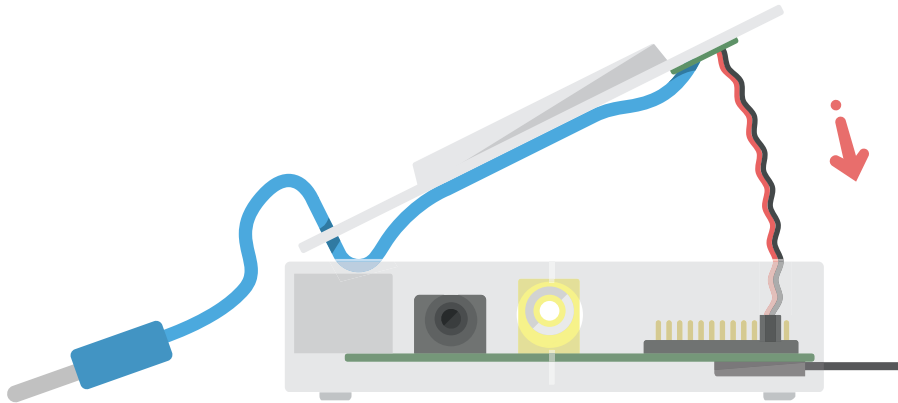
The pins have to be those exact two



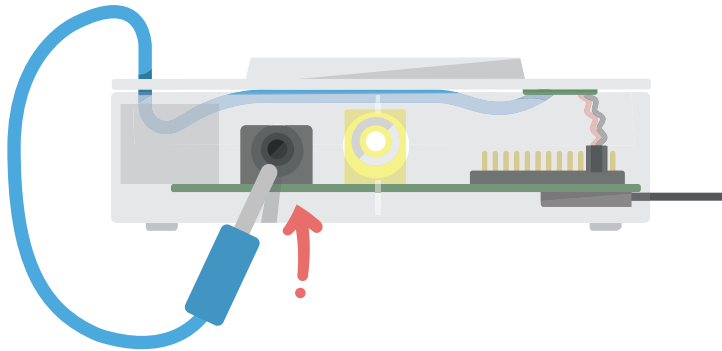
Put the blue cable through the hole



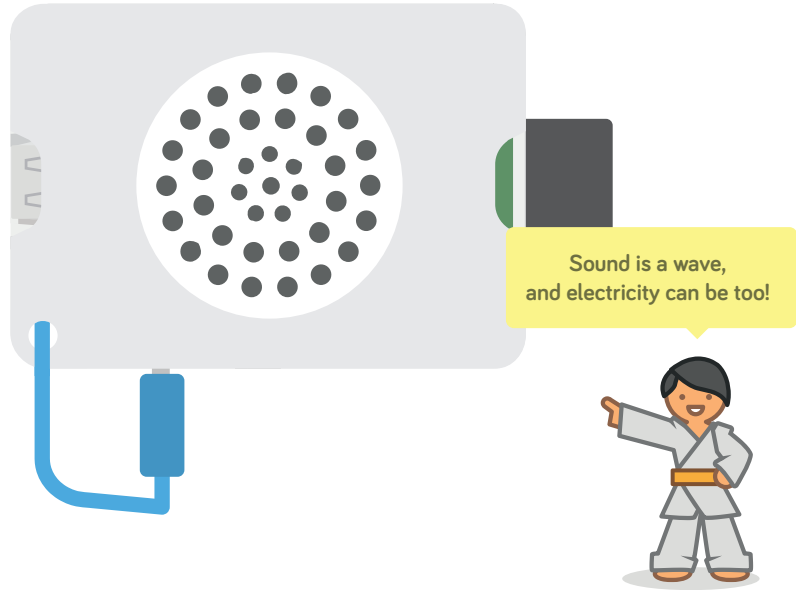
Now clip the speaker to the case



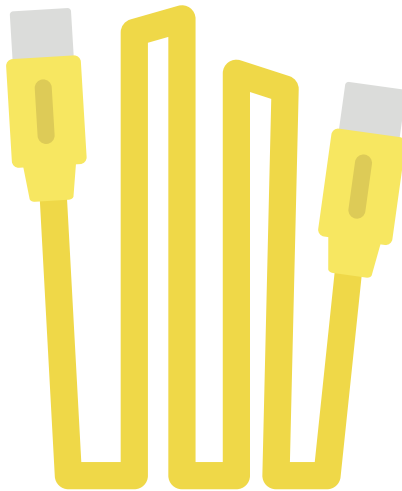
Plug in the blue cable



Amazing! A cool computer that can rock out

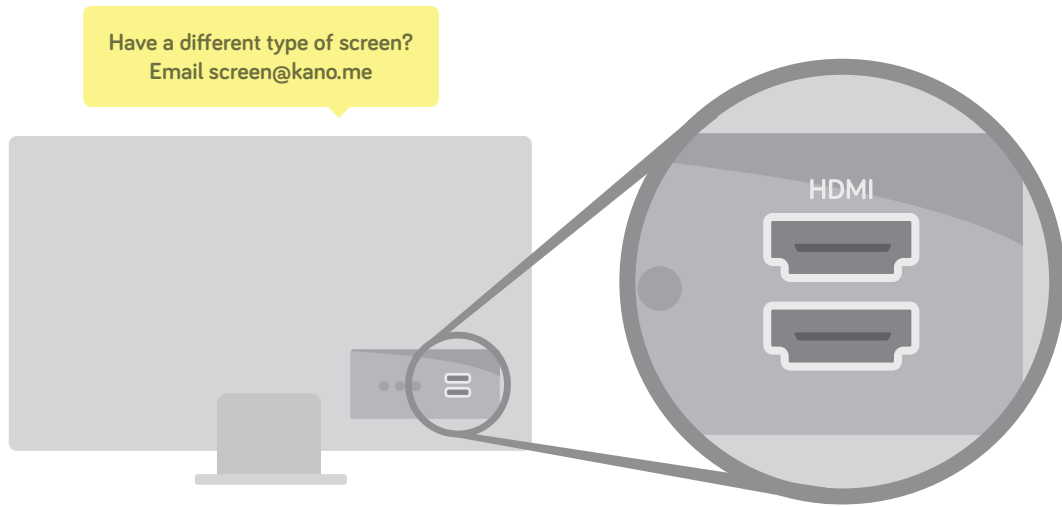


Let's connect a screen

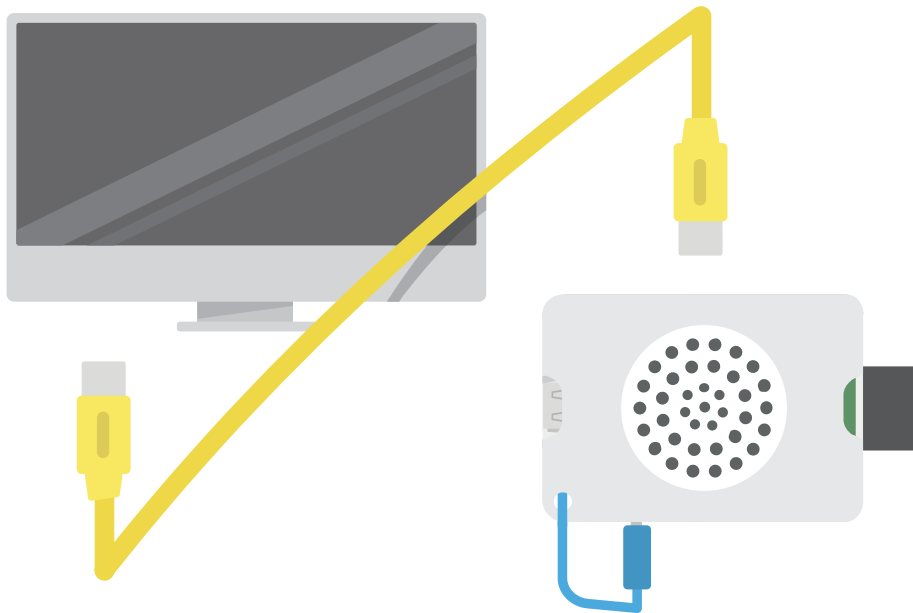


Grab the yellow HDMI cable

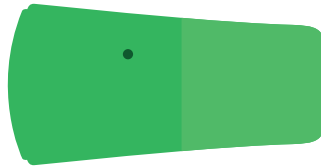
Find a display or TV with this kind of plug



Connect them



Now lets add WiFi



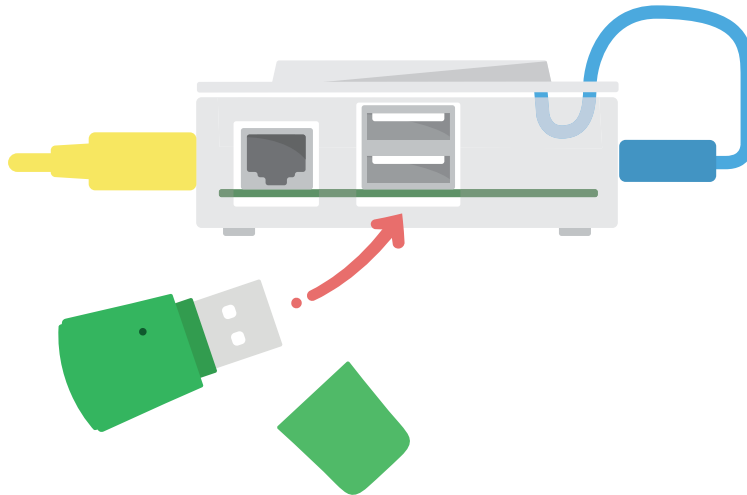
A WiFi antenna  
in a USB!



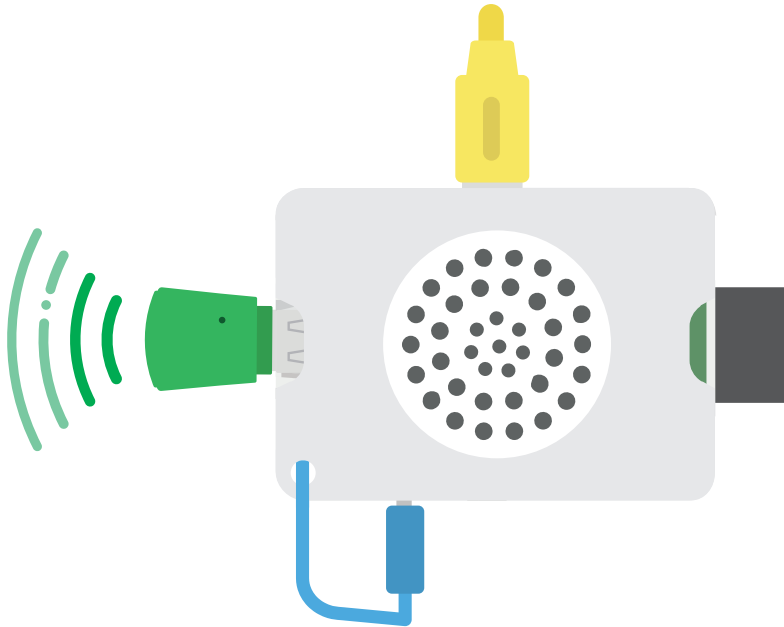
Grab the green dongle



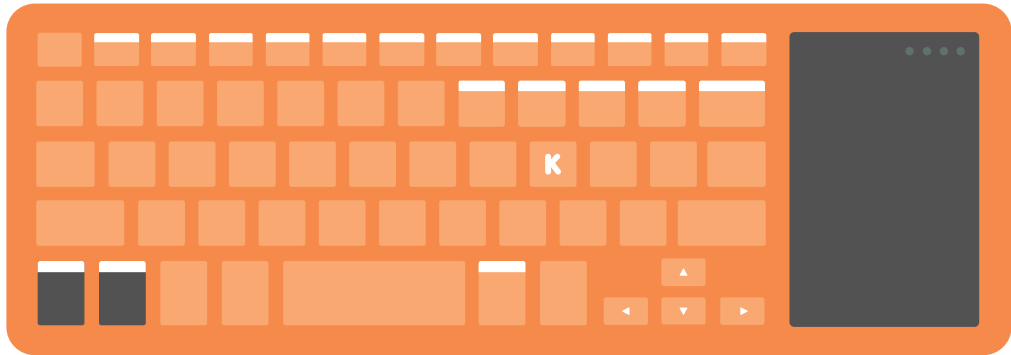
Plug the dongle into the USB



With this little piece, you can connect with the world!

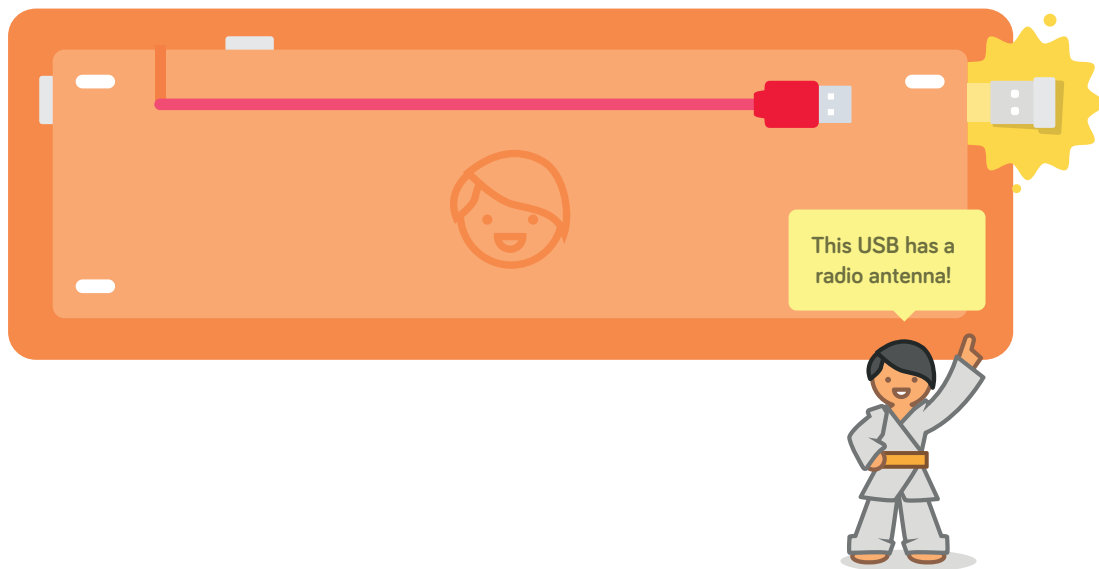


Now your computer can talk, display, and connect

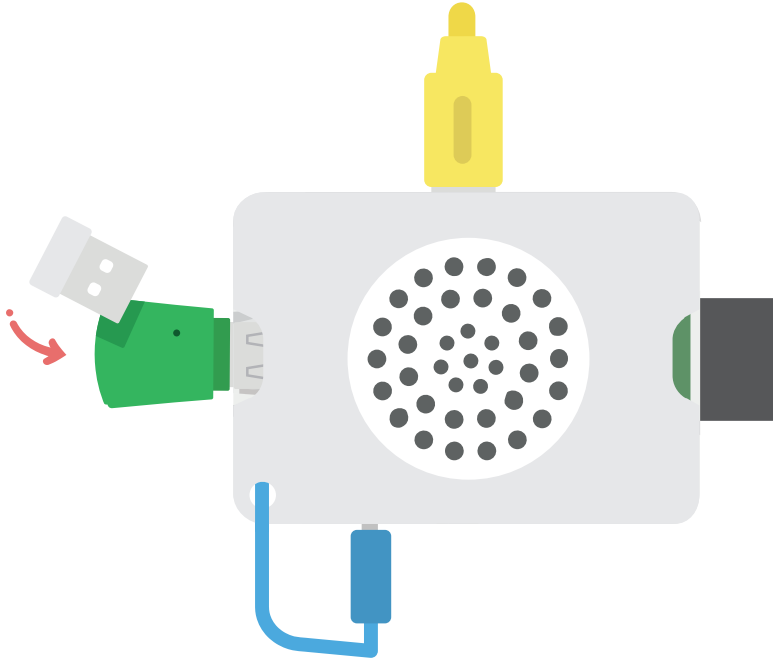


Let's give it some new ideas. Grab your keyboard!

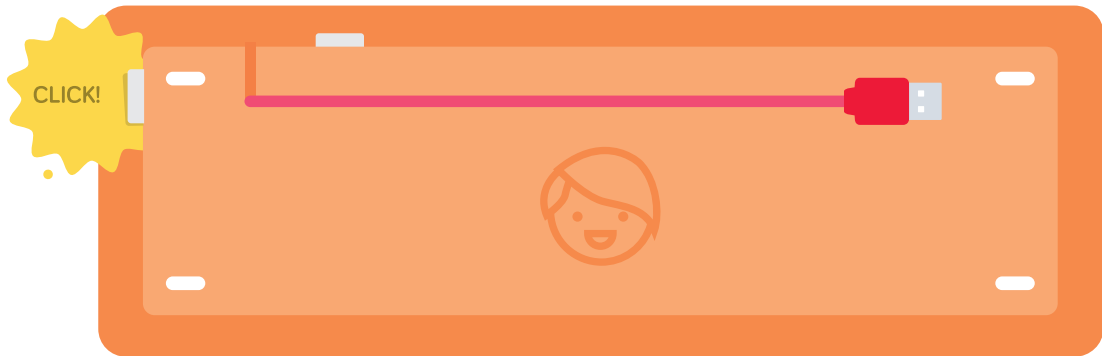
Pick it up, flip it around, and take out the white piece



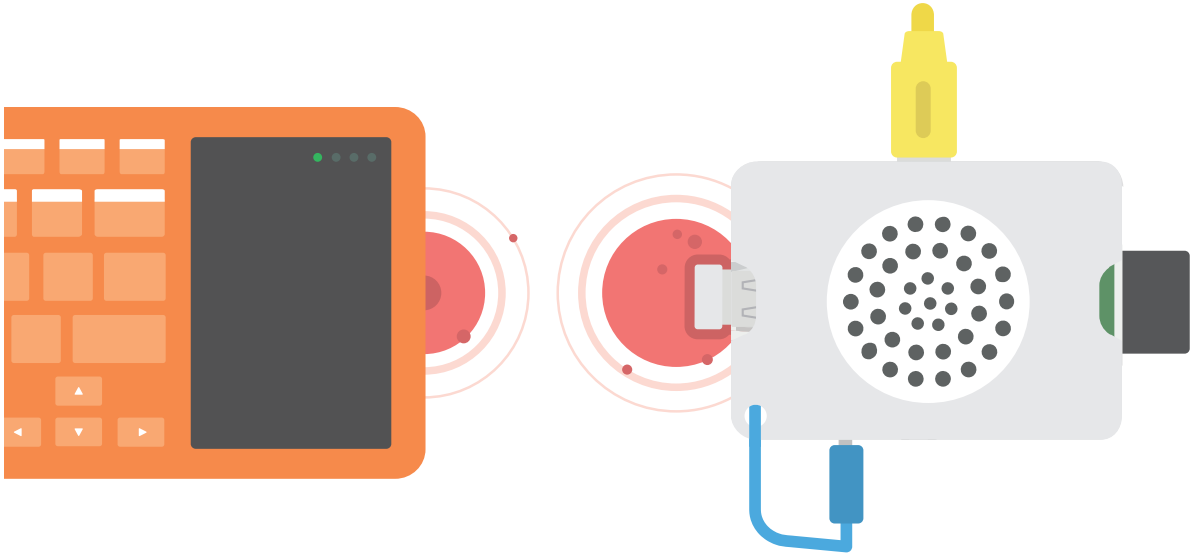
Plug the piece into your computer



Press the power button

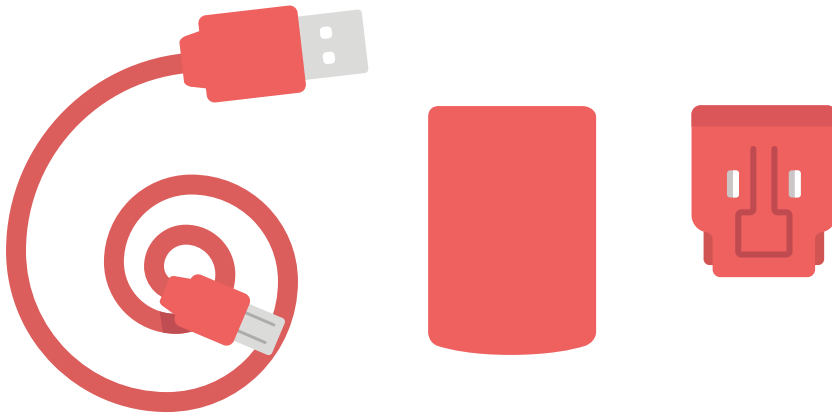


You can talk to your computer, and the computer can talk to you!



But first...

We need to bring it to life!



Grab the power pieces

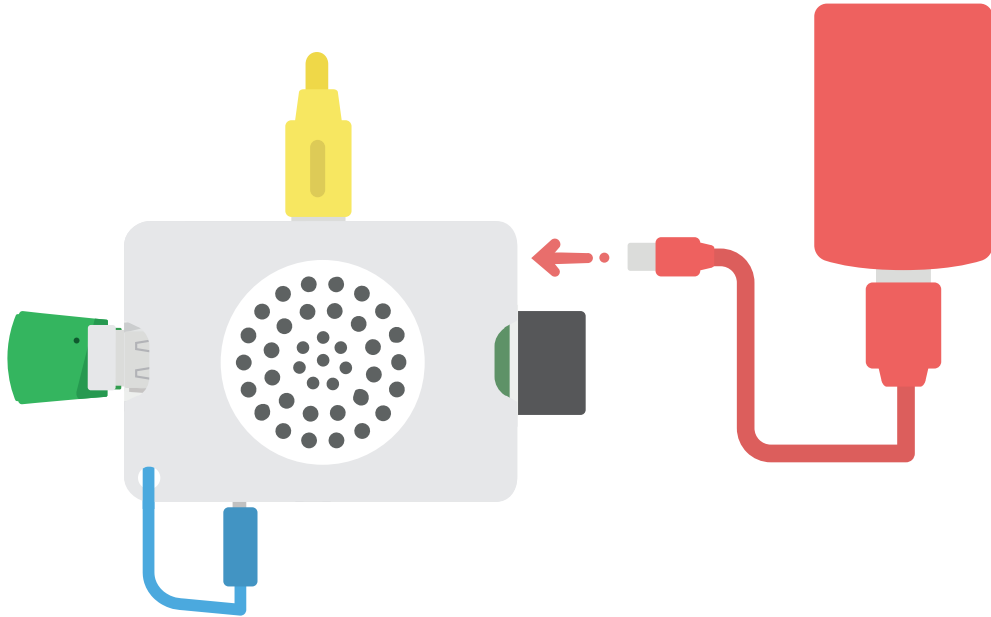


Start by sliding the plug pieces together

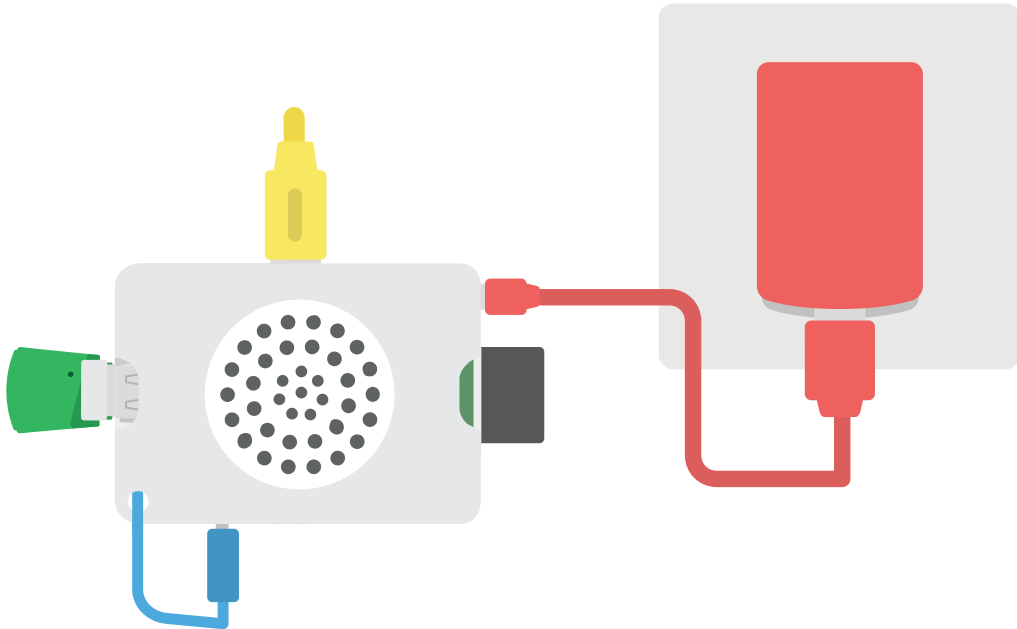


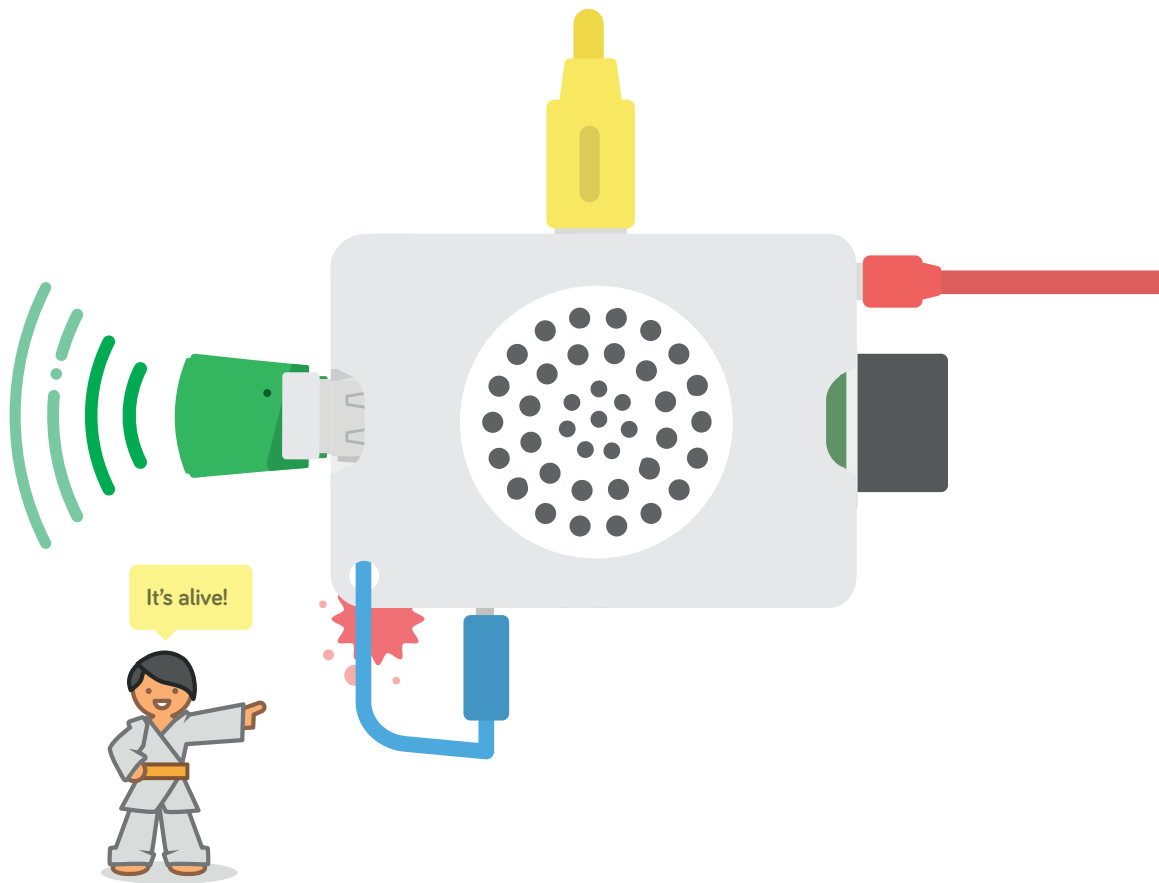
Then connect the big end of the red cable to the bottom

Now grab the small end and connect it to your computer



Put the power plug into a wall socket





And look at your screen!

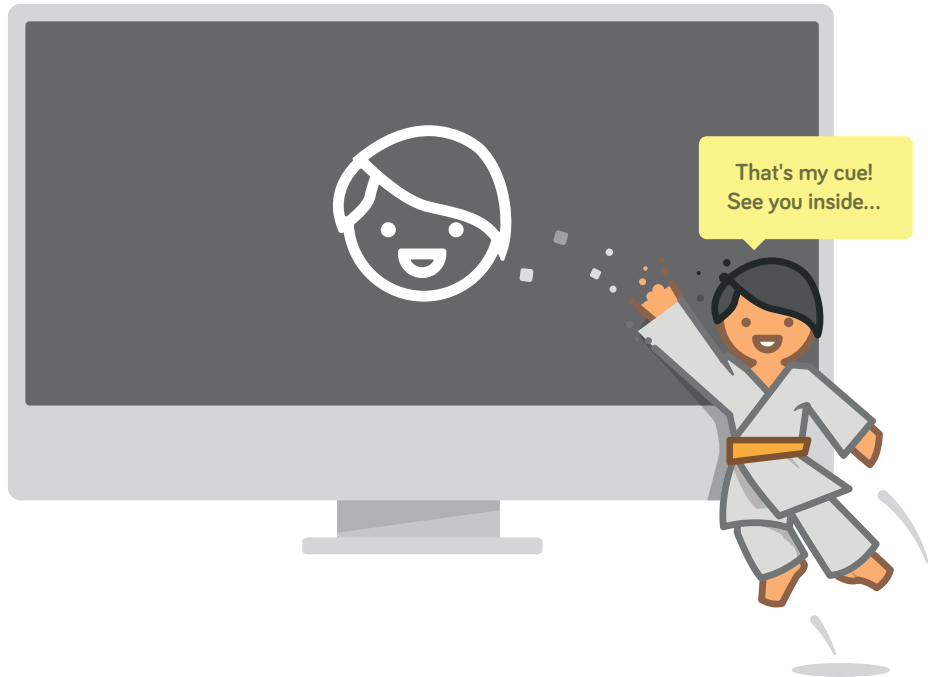


Your computer is thinking

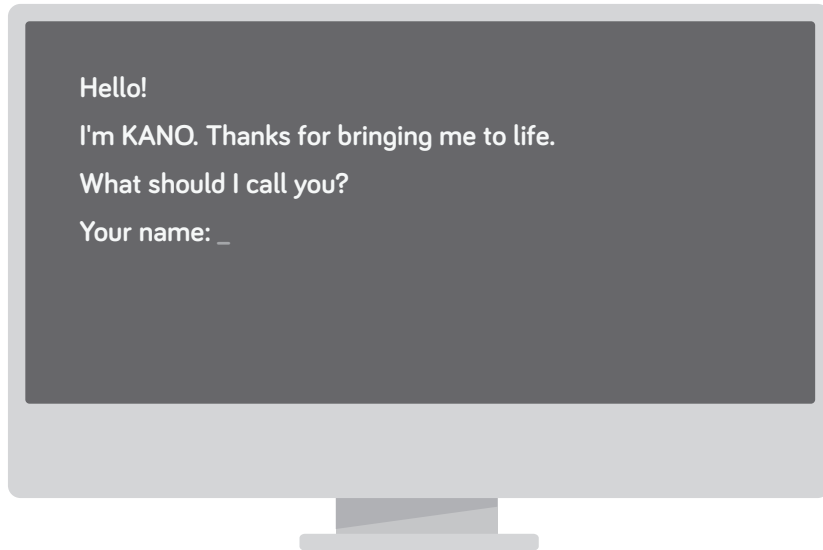


With code...

Computers can make anything...



Now follow along onscreen...



Type and press [ENTER]



You made it!



Now let's get set up...

Kano is your world to make and play



In here you'll create the most amazing things



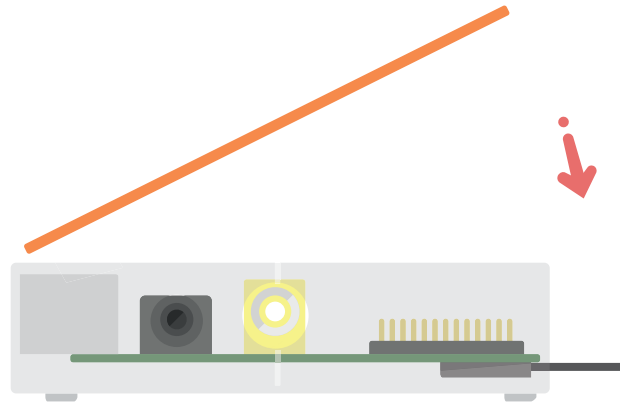
Pick up Book 2 to get started

Oh, by the way – you can customize your computer

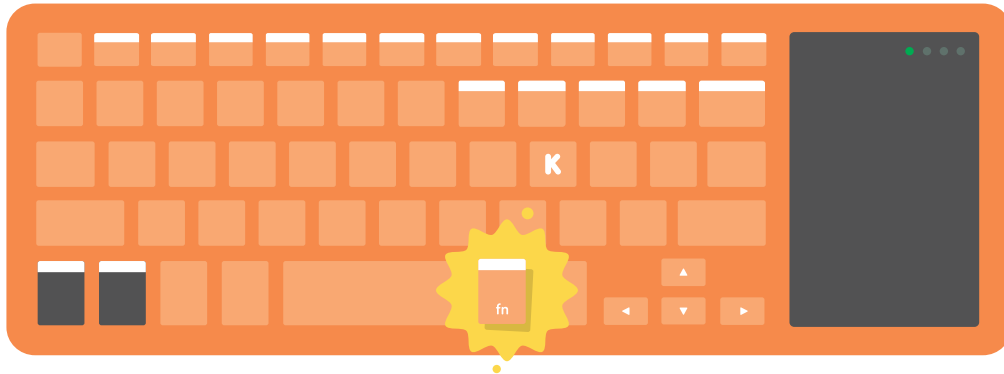


Choose your favorite case card...

And clip it in



Your keyboard has hidden powers



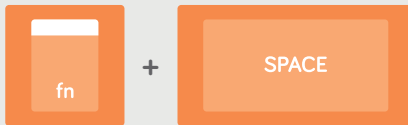
Activate the white functions by holding [FN]

Try these combinations



**Launch Kano Help**

If you run into problems



**Change mouse speed**

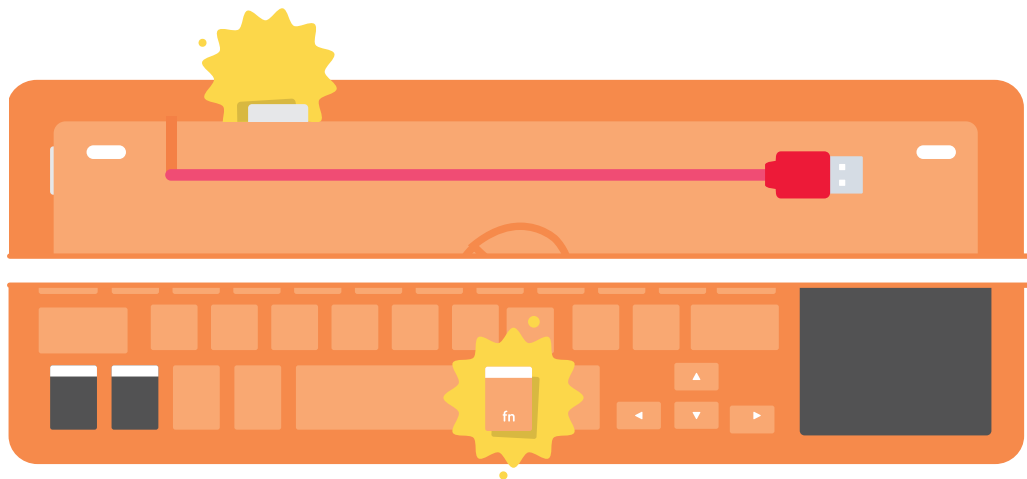
Medium or fast



**Toggle tap-to-click**

Activate tapping on the trackpad

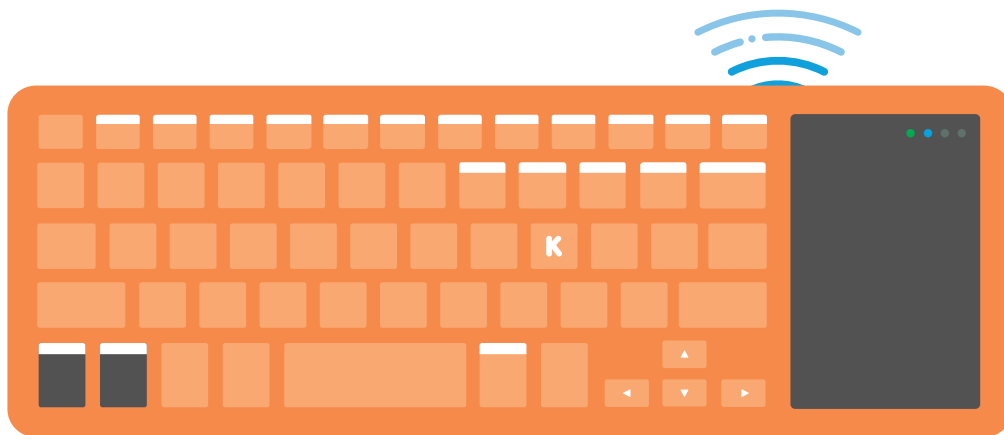
Your keyboard can connect to anything that has Bluetooth!



Press FN and Bluetooth button to enter pair mode



Go into your devices settings and add the Kano Keyboard

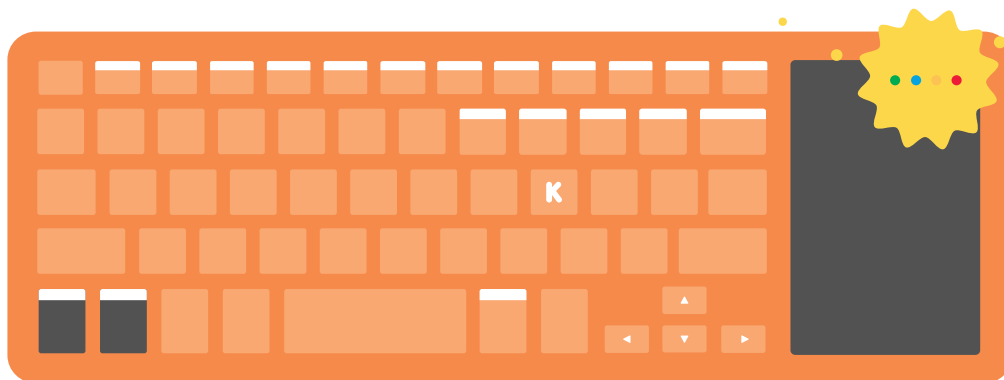


Done!

EXTRAS

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The lights on the keyboard tell you how it's feeling



Green, blue, orange and red mean different things



**Green** - Successful radio connection



**Green flash** - Low on power, time to charge!



**Blue** - Bluetooth connected

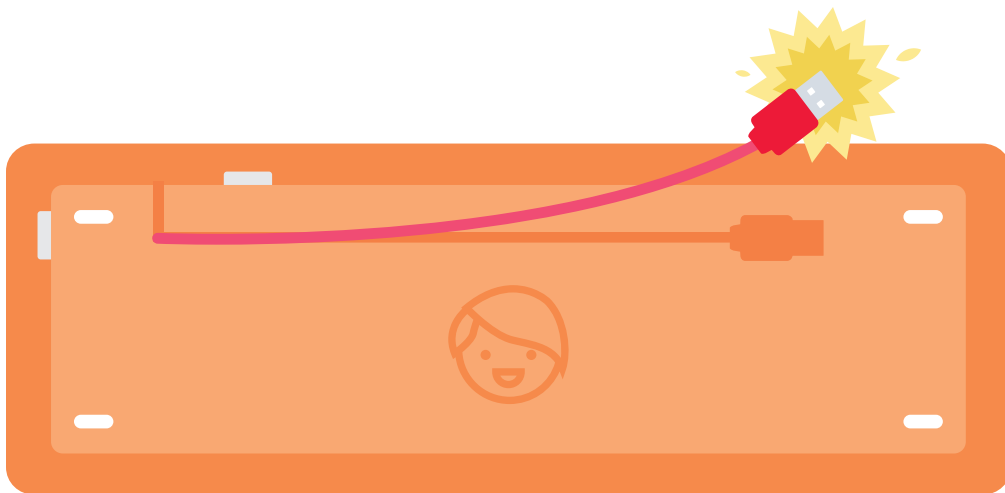


**Orange** - Caps lock status



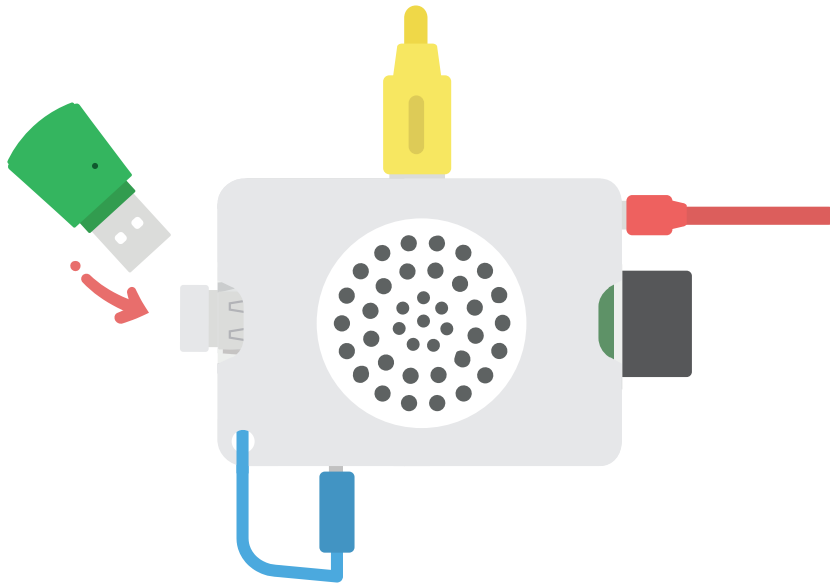
**Red** - Charging

The keyboard needs to be charged from time to time



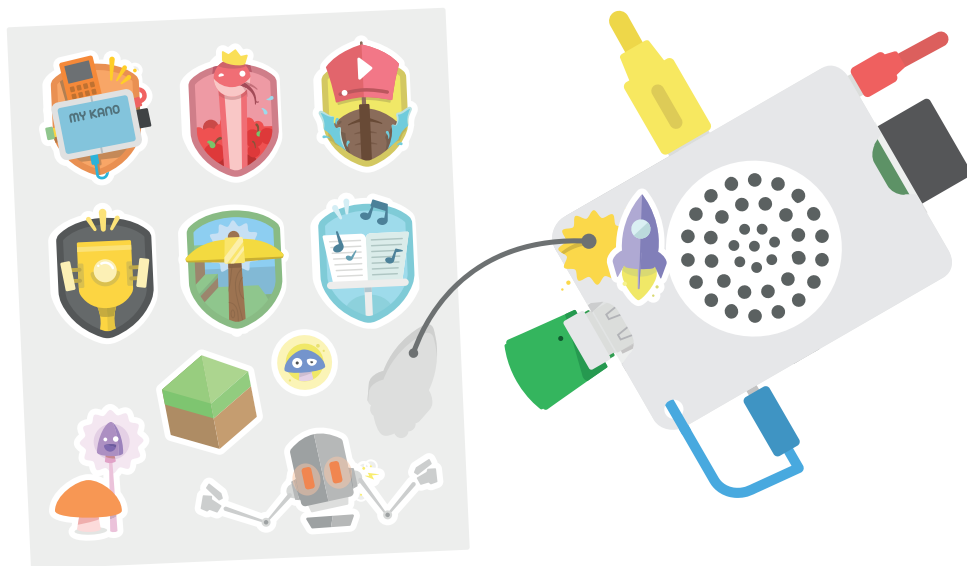
To do so, plug the red cable into the power plug, or to your computer

Just so you know, when you plug in a USB...



Your computer will restart.

And remeber to add stickers!



Make your own style...

Need help? Want more?

E-mail

[help@kano.me](mailto:help@kano.me)

Website

[Kano.me](http://Kano.me)

Facebook

[KanoComputing](#)

World

[world.kano.me](http://world.kano.me)

Twitter

[@TeamKano](#)

Forum

[talk.kano.me](http://talk.kano.me)

Say hi!

EXTRAS

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