

## VIDEO CHEAT SHEET: Setup and plug-in

### Step 1: Location

- We recommend NOT setting up your shake for the first time at your school. Because of restricted networks, your Raspberry Shake may not be able to connect to the Internet.
- Set the Shake up in your home, or in another place with a non-restricted network
- Make sure the place where you decide to plug in has nearby access to wired Ethernet and an outlet. This is most often near to your Wifi Router, which has ethernet ports on the back.

### Step 2: Plugging in and turning on

- First, plug in the Ethernet cable to a live ethernet port and to the Raspberry Shake. The ethernet port on the Shake to the left of the USB ports
- Plug the micro-usb power in.
- Five lights should come on on the Shake. One blue light on top of the blue Shake board, two lights (one red and one green) near the micro-usb connection, and two lights under the Ethernet cable.
- If all of these lights are on, you are ready to go to step 3!
- The most common thing to go wrong in this step is that the Ethernet does not have a good connection. If the lights under the Ethernet port on the Pi do not light up, double check that the Ethernet port it is connected to is live.

### Step 3: Connect to rs.local

- Raspberry Shake is a "headless system" with no native screen for configuration. You must connect and configure it over a network.
- To connect to the configuration interface, or "front end", you first must have another device connected to the same network.
- Open any browser, and type "rs.local" into the URL bar.

This should bring you to something that looks like this

   **AM.R1ADD.00.EHZ**

Raspberry Pi Model 3 Model B  
System Status: RUNNING  
System Version: 0.15  
Local IPv4: 10.18.102.247  
Ethernet MAC: b8:27:eb:64:1a:dd  
WiFi MAC: b8:27:eb:38:4f:88

---

Data Producer: ON  
Data Consumer: ON  
Data Forwarding: ON  
Server Connection: Connected  
Latitude: 5° 44' 18.6"  
Longitude: -62° 26' 1.32"  
Elevation: 1054 m

---

System Time: 2019-08-29 14:47:31 UTC  
Disk Usage: 39% Used - 466Mb Available  
CPU Temp: 58.53 C / 137.4 F  
Uptime: 0 Days 9 Hours 57 Minutes

[DOWNLOAD LOG FILES](#)

 English