

Sphero

Apps

Sphero

Basic app needed to use. <https://edu.sphero.com/d>

Basic Coding

Tickle

<https://tickleapp.com/>

Comprehensive mobile programming app with a block-based interfaced similar to Scratch. Can be used to program multiple wireless robots, drones, Arduino, and smart toys, like Sphero, Dash & Dot, Lego WeDo, and connect them together.

Hour of Code with Tickle

<https://tickleapp.com/hour-of-code/>

Beginner Sphero Blocks 1: Intro & Loops

<https://edu.sphero.com/cwists/preview/1671x>

Sphero Tips

Basic Troubleshooting

Troubleshooting For basic technical problems, please consult the Quick Start Guide or User Manual in this flash drive.

Guide to Bluetooth Pairing

Sphero pairs with your mobile device (i.e., smartphone, tablet) via Bluetooth. After waking Sphero, it will flash three distinct colors. Navigate to the Bluetooth settings on your mobile device to pair. Sphero's Bluetooth name will contain the initials of the three colors it is blinking (i.e., Sphero RGB, Sphero YRW).

Bluetooth Tips

- For multiple Spheros, use a separate mobile device for each Sphero. For example, you cannot drive two Spheros with one smartphone or tablet.
- After the first time pairing with a mobile device, Sphero will automatically pair with the same device. This automatic pairing can cause confusion; for example, if you are trying to pair three Spheros with three devices and have forgotten which device paired with which Sphero. If a Sphero is having trouble pairing, check the Sphero's name in the mobile device's Bluetooth settings to be sure you are working with the correct one. If in doubt, "forget" the Sphero in your Bluetooth settings and start over.
- If you've used Sphero with your personal smartphone or tablet, and switch to another device, "forget" the Sphero from your personal device or turn off the Bluetooth. Sometimes Sphero will pair with the personal device automatically and be unable to pair with another.
- Wake and pair one Sphero before moving on to waking and pairing the next. This will avoid confusion over which Sphero is paired with which device.

Sphero Won't Wake Up

If this is your first time using Sphero, place it in the induction charger for about 5 seconds to wake it up. See "How do I charge Sphero?" in the user manual. When Sphero lights up, simply pick it up and give it a hard double-shake. The next step is to pair Sphero with your mobile device.

If you've already used Sphero and it will not wake up, first try placing it on the charger. Sphero may have a low battery and need to recharge. If this is the case, Sphero will flash red 3 times and go to sleep.

If you have already recharged Sphero for 3 hours and are still encountering difficulty Sphero's battery is probably super low, you can use the dipping method to jump start it.

To perform the dipping method, putting Sphero in heavy side down for a second or two in the charger and then pull it out quickly, repeating a dozen or so times. What we are hoping for is for Sphero to show a flicker of light and then when that happens, we put it on the charger and it will probably start flashing a blue-green color rapidly. Then grab a strong magnet follow the step by step instructions on the following page and you should be back in business.

<https://sphero.zendesk.com/entries/20895403-my-sphero-is-strobing-flashing-a-greeny-blue-color-in-his-charger>

If it doesn't show any life-signs after the dipping then leave him in the charger for about 15 minutes and take it out. You should see some life and you can then either follow the steps above if it is strobing or leave it in the charger for a couple of hours.

If this does not get your Sphero back up and rolling, please contact Sphero support at support@sphero.com and they will have you rolling in no time.