

Sphero (“Robotic Ball”)

The ‘maker movement’ is more than robots or coding or building things. It is a mindset that encourages curiosity and exploration. Seen in roles from engineers to artists, they solve real-world design challenges by inventing and reinventing.

In this kit you will get a Sphero Robotic Ball and pair it with an iPad. (It could also be any Android or iOS device) We are using the SPRK app to program Sphero to accomplish a variety of tasks. SPRK uses a visual block coding language similar to Scratch.



Start with the Basics:

Get the Sphero to go in a circle using Draw

Get the Sphero to go in a square using Block Programming

Go to <https://sprk.sphero.com>

There are a complete set of lessons and activities that you can try.

Think About:

Were you able to get Sphero to move in the directions you wished? How did you change your instructions if it did not work out? How did you persevere with the task or did you simply change it?