

Circuit Scribe for a Great STEM Learning Toy

My son is obsessed with circuits. He owns a lot of the popular circuit toys, but putting the same grid-like patterns on a board gets old for kids like mine that love to do their own thing! A couple of years ago I had heard about this company on Kickstarter looking for funding of a pen that allows you to draw circuits. How is that even possible? They blew through their funding goal pretty quickly as you can imagine and went on to create the [Circuit Scribe](#) pen that uses conductive ink to allow you to connect electronic parts with no wires!

You can DRAW your own circuits! The possibilities are pretty intriguing. Teach kids how circuitry works in a fun way, or you can design cool advanced circuits with your doodles.

We tried out the [Circuit Scribe Maker Kit](#) and it included a bunch of different REAL electronics. Also included is a great workbook to guide you through your first circuits. I loved the workbook because it actually explained the concepts better than I have seen in other kits. You draw your circuits right on the pages and use the parts to fire them up! In the years that we have owned other circuit kits, my son still didn't know what a resistor or capacitor ACTUALLY was until a few minutes with this book and set! It has a section teaching you how to calculate the ohms on resistors. My child knows how to do that now – he's 7!

Under the page, you place an included small steel plate that makes the magnetic circuits snap right into and STAY in place! I loved this feature, as my son can sometimes lose pieces, or get frustrated if they don't line up correctly.

Enjoy this short little video of the kiddo showing you how to put a circuit together on the Circuit Scribe. He was quite proud of being able to show his new favorite set off! (Just ignore the yappy dogs outside!)

If you aren't sure if your kiddo is into this circuit thing, they make a smaller stocking stuffer sized kit you can purchase. The [Circuit Scribe Mini kit](#) is a great deal at only \$9.99. It includes everything you need to try your own hand at drawing circuits!

