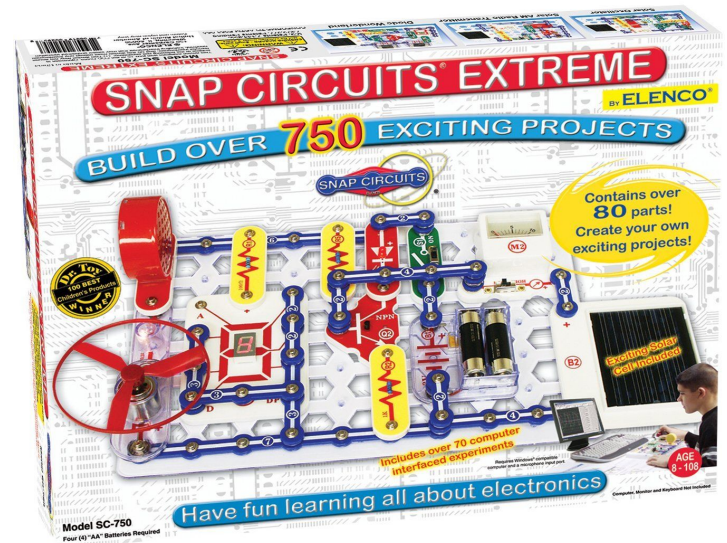


Elenco Snap Circuits

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.

Build a variety of circuits that do something. Parts show the actual symbol that real electricians and electronic engineers use. See if you can't figure out what they mean and do (eg. wire, circuit, resistor, capacitor...). Use this knowledge to build your own innovative projects.



Start with the Basics:

****WARNING** - See image for what NOT to do. A short circuit risks damage to battery as it generates too much power.

Practice by creating a simple circuit.
(See Project #1; Project #2)

Other projects (#15, 16) add to the design above.

Create the clapper (#27) - imagine how they started with this.

Think about: What did you do when it didn't go as you expected? What did you do? How did you feel? What strategies did you use to get back on track? s

