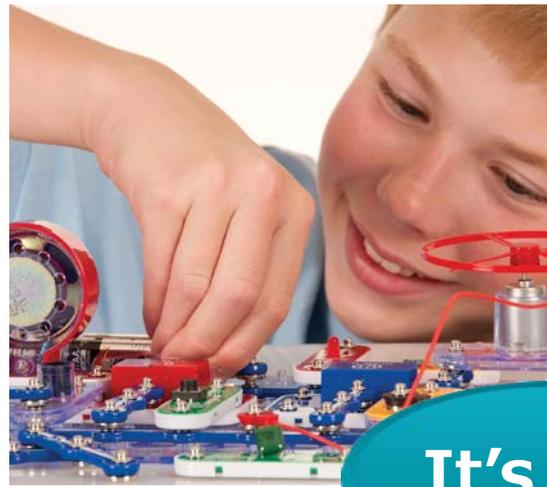
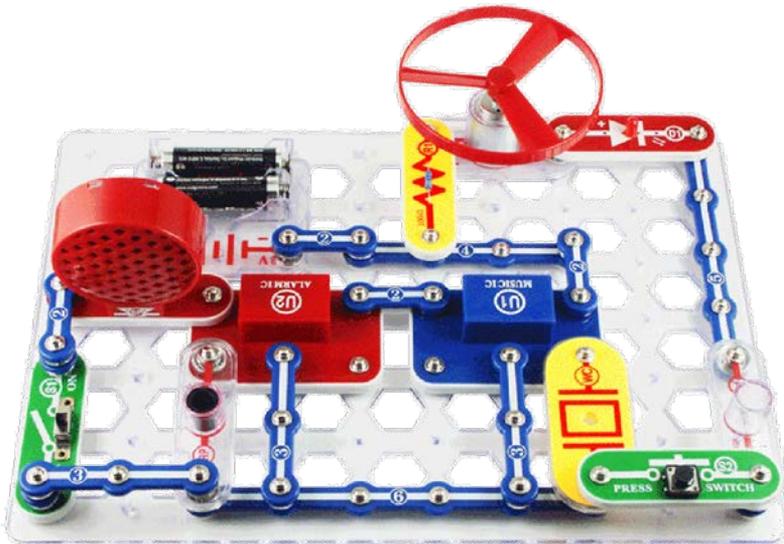


Fun Electronic Circuits



It's fun!

Let's learn about electronic circuits!

Let's develop many fun electronic circuits and learn the fundamentals of electronic circuits and the components. Turn on a motor, sound the alarm, and flash the LED!

✓ Learn while doing

Give your child an exciting, hands-on introduction to electronics with real circuit components that snap together to create working electronic circuits and devices.

Your child learns the fundamentals of electronics and related safety. No soldering required.

✓ Create working electronic circuits

With more than 30 electronic parts, which include an LED, a motor, a light sensor, switches, a resistor, an alarm circuit, a music integrated circuit, and a speaker, your child develops a variety of working electronic circuits.

After this program

Your child will be able to handle batteries properly and design and implement simple electronic circuits with batteries, switches, a motor, and LED light.

Syllabus

- 1) Week 1
 - Fundamentals of batteries and the safety
 - Electric light & switch, DC Motor & switch
- 2) Week 2
 - Electricity, voltage
 - Lamp & fan in series and parallel, Light-emitting diode
- 3) Week 3
 - Signs of electric parts
 - Sound activated switch, adjusting sound level with a resistor
- 4) Week 4
 - Conduction detector
 - Flying saucer, Slow-speed fan, Two-speed fan
- 5) Week 5
 - Musical doorbell, Momentary alarm
 - Alarm circuit, Laser gun sound
- 6) Week 6
 - Voice control LED, Motor control LED
 - Light control flicker, More sound effects
- 7) Week 7
 - AND gate, OR gate
 - NOR gate, NAND gate
- 8) Week 8
 - Reflection detector
 - Water detector
- 9) Week 9
 - Light-controlled Lamp
 - Voice-controlled Lamp
- 10) Week 10
 - Fun with the alarm IC
 - Motor sounds combo