

## Snap Circuits Jr.



Photo courtesy of Elenco Electronics

Snap Circuits Beginner offers children a hands-on introduction to principles of electricity. Children have the chance to learn the basics of how circuits and switches work. With the use of pieces that snap together, children have the option to engineer their own circuits. They can also follow along with the color-coded and step-by-step diagrams in the instruction manual that includes 101 projects and games; such as doorbells, alarms, and more.

### What's Included

- 1 Plastic Snap Grid
- 1 Battery Holder
- 32 Electrical Components
- 1 Instruction Manual

### Resources Required

- 2 AA Batteries (Not included)

**Support** 800-533-2441 [help@elenco.com](mailto:help@elenco.com)

Qty.	ID	Name	Symbol	Part #
□ 1		Base Grid (11.0" x 7.7")		6SCBG
□ 3	①	1-Snap Wire		6SC01
□ 6	②	2-Snap Wire		6SC02
□ 3	③	3-Snap Wire		6SC03
□ 1	④	4-Snap Wire		6SC04
□ 1	⑤	5-Snap Wire		6SC05
□ 1	⑥	6-Snap Wire		6SC06
□ 1	Ⓢ	Whistle Chip		6SCWC
□ 1	Ⓢ1	Slide Switch		6SCS1
□ 1	Ⓢ2	Press Switch		6SCS2
□ 1	Ⓢ	Photoresistor		6SCRP
Qty.	ID	Name	Symbol	Part #
□ 1	Ⓢ1	Red Light Emitting Diode (LED)		6SCD1
□ 1	Ⓢ1	2.5V Lamp		6SCL1
□ 1	Ⓢ1	Battery Holder - uses 2 1.5V type AA (not included)		6SCB1
□ 1	Ⓢ	Speaker		6SCSP
□ 1	Ⓢ1	Music Integrated Circuit		6SCU1
□ 1	Ⓢ2	Alarm Integrated Circuit		6SCU2
□ 1	Ⓢ3	Space War Integrated Circuit		6SCU3
□ 1	Ⓢ1	Motor		6SCM1
□ 1		Fan		6SCM1F
□ 1	Ⓢ1	100Ω Resistor		6SCR1
□ 1		Jumper Wire (Black)		6SCJ1
□ 1		Jumper Wire (Red)		6SCJ2

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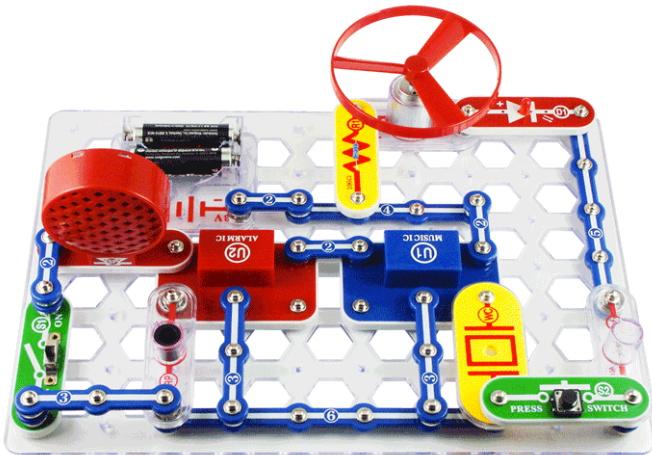


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Scan this QR code to learn more about Snap Circuits.



### Developmental Considerations

- Ages 8+
- Skills Required:
  - Symbolic Representaton
  - Fine motor for picking up pieces
  - Color Identification

### Objectives of Activity:

- Problem Solving
- Principles of Electricity
  - Circuits & Switches
- Computational Thinking
- Cause & Effect
- Following Directions