



Activity Kit

Snap Circuits Snap Circuits Jr. Boxed Set

Materials

Electrical Current DVD by Bill Nye
Instruction Manual, Experiments 1-101
SC-100 Snap Circuits Block Layout



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|------------------|--------------------------------|
| 1 Base Grid | 1 Photoresistor |
| 3 1-Snap Wire | 1 Red Light Emitting Diode |
| 6 2-Snap Wire | 1 2.5V Lamp Socket |
| 3 3-Snap Wire | 1 3.2V Bulb |
| 1 4-Snap Wire | 1 Battery Holder |
| 1 5-Snap Wire | 1 Speaker |
| 1 6-Snap Wire | 1 Music Integrated Circuit |
| 1 Whistle Chip | 1 Alarm Integrated Circuit |
| 1 Slide Switch | 1 Space War Integrated Circuit |
| 1 Press Switch | 1 Motor Fan |
| 100 Ohm Resistor | Black Jump Wire |
| Red Jump Wire | |

Recommended for grades 3 and up.





Activity Kit

Snap Circuits Kit Purpose

What to Know About This Kit...

This kit contains the materials to do 100 electricity experiments. You will need two AA batteries to operate the kit. These batteries should be in the kit.

The entire set of circuit materials is designed to snap onto a board. This makes it easier to assemble than using traditional wires. The wires in the set are replaced by rigid "snap wires" of different lengths.

Always do Experiment 1 first. Once a child has followed the diagram and explanation for a simple circuit, the rest of the instruction book is easy to understand and follow on his/her own.

Several of the pieces are small. This kit is recommended for children in grades 3 and up.

