

Students in the Electronics 1 Course Focus on the Materials within this DC kit. We also include various exercise with components and circuits

Chaney 33 IN 1 DELUXE ELECTRONIC LAB



Detailed Description

This exciting breadboard kit requires no soldering or previous electronic experience. The kit enables any student to build 33 different electronic experiments and activities. The kit is meant to be used over and over again to save money. Not only is this kit complete with everything the student needs, but also the instruction booklet is designed so that the teacher does not need to be involved (unless he or she desires to be). The student builds and studies the first 11 instructional circuits which include theory and data facts along with a simple pencil activity quiz. The remaining 22 experiments for the student are fun to build electronic circuits that have a parts list, schematic and parts placement drawing.

These give the student an ample introduction to electronic components and circuitry. Breadboard type kits have been around for years, however, ours is the first to incorporate an introduction to Ohm's law, electromagnet circuitry, motor circuitry, transistor circuitry, IC circuitry and 7 segment display circuitry all in one kit. There is now no need to have several different breadboard kits to learn basic electronic concepts. One kit covers almost all aspects of basic electronic concepts and components. C6709 Covers Not only does our 33 in 1 Deluxe Electronic Exploration Kit introduce various electronic educational concepts but it is also a fun and interesting motivational activity for your student. Complete with all electronic parts, breadboard and instruction booklet. Requires one 9V battery (not included). If the student has already built the 33 in 1 Deluxe Electronic Exploration Kit, you may wish to purchase our 35 in 1 Deluxe Digital Lab Exploration Kit so that the student can gain digital electronics fundamentals.

		Instructional Exercises
1	Experiment 1	Resistor Color Code
2	Experiment 2	Ohm's Law and The Basic Electronic Circuit
3	Experiment 3	Parallel Circuit with Lamp
4	Experiment 4	Diode Action

5	Experiment 5	Light Emitting Diodes
6	Experiment 6	Electromagnetism
7	Experiment 7	Capacitance
8	Experiment 8	Transistor Switch
9	Experiment 9	Variable Resistor LED Dimmer
10	Experiment 10	DC Motor Experiment
11	Experiment 11	Transistor Oscillator
		Electronic Construction Activities
12	Construction Activity 12	7 Segment Display Circuit
13	Construction Activity 13	SCR Latching Switch
14	Construction Activity 14	Conductor Identifier
15	Construction Activity 15	2 Transistor Audio Oscillator
16	Construction Activity 16	Continuity Tester
17	Construction Activity 17	Multivibrator LED Blinker
18	Construction Activity 18	Insanity Alarm
19	Construction Activity 19	Light Controlled Bird
20	Construction Activity 20	Code Practice Oscillator
21	Construction Activity 21	Magic LED Light
22	Construction Activity 22	Water Alarm
23	Construction Activity 23	Ticking Clock Sound
24	Construction Activity 24	Phasor Ray Sound Generator
25	Construction Activity 25	Emergency Siren
26	Construction Activity 26	Adjustable Blinking Light and Sound
27	Construction Activity 27	Timer with LED
28	Construction Activity 28	Electronic Motor Speed Control
29	Construction Activity 29	IC LED Flasher
30	Construction Activity 30	IC Adjustable Frequency Sound Generator
31	Construction Activity 31	IC Light Activated Wake Up Alarm
32	Construction Activity 32	IC 2 Color LED Flasher
33	Construction Activity 33	IC Burglar Alarm