



EDUCATION

Where Learn and Play Collide®

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Questions? Call: 847-541-3800 or 800-533-2441
Visit Elenco Education website for more details: www.elenco.com/education/





Preparing Students for STEM Careers

**Digital Cross Curriculum Educational Bundle,
Hands-on Activity Kits, & STEM Career Resource Library**



snapcircuitsedu.com

Turnkey, comprehensive Digital STEM curriculum includes:

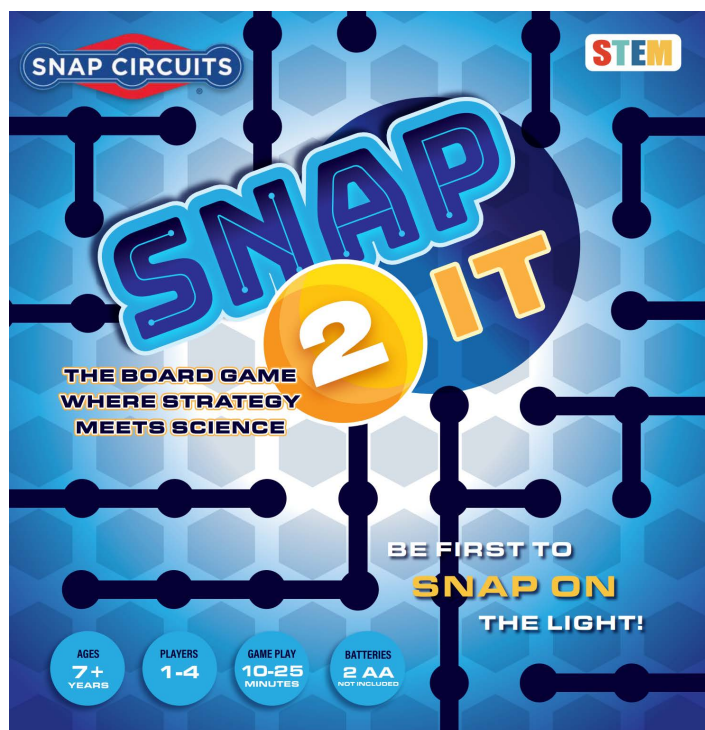
- ✓ **Fully supported digital curriculum across STEM and Literacy**
- ✓ **Standards aligned, cross-curricular digital content**
- ✓ **Student STEM career exploration (CTE), resources, and projects**
- ✓ **Digital 'Getting Started' Resources & Guides**
- ✓ **Comprehensive support provided for all educators and staff**
- ✓ **Hands-on STEM, Renewable Energy, and Code kits for engaging projects focused on alternative energy and sustainability**
- ✓ **Activity kits feature durable, high quality SNAP CIRCUITS**

Learning the basics of electronics and circuitry made easy!

IT'S A GAME THAT IS SO MUCH FUN, STUDENTS DON'T EVEN REALIZE THEY ARE LEARNING

SNAP CIRCUITS® SNAP 2 IT®

Model SCBOARDGAME



SNAP 2 IT® is a board game that is so much fun, students don't even know they are learning. Students gain problem solving and strategic thinking skills as they race to build a complete circuit and be the first to turn on their light. This 1-4 player STEM board game teaches the fundamentals of electricity through competitive, strategic game play.

UPC: 756619014371



Perfect for classrooms, afterschool programs, libraries and camps!

Educational Project Kits



SNAP CIRCUITS® TRAINING PROGRAM Model SC100R

Exploration into the electronic components included with the SC-100. Ideal for home schooling, middle schools, and high schools where students will grasp the basic principles of electronics.

- Includes Student & Teacher's guides and a carrying case.
- Same components as the SC100.

UPC: 756619003283

100+ PROJECTS



SNAP CIRCUITS® TRAINING PROGRAM Model SC300R

Grasp the basic principles of electronics and explore the electronic components in the SC-300. Topics covered: Resistors, Switches, Capacitors, Series Circuits, Transistors, Parallel Circuits, Integrated Circuits, Motors. Includes two project books, 1 Student Guide, 1 Teacher Guide and a carrying case. CI-73 - (software is PC only) Computer interface with 70 extra experiments available.

UPC: 756619003061

300+ PROJECTS



SNAP CIRCUITS® TRAINING PROGRAM Model SC750R

An in-depth exploration of the electronic components included with the SC-750 SNAP CIRCUITS® Extreme. Includes 5 project manuals, 1 Student and 1 Teacher Guides and a carrying case. CI-73 - (software is PC only) Computer interface with 70 extra experiments available.

UPC: 756619005621

750+ PROJECTS



SNAP CIRCUITS® STEM CLASSROOM ACTIVITY KIT

Designed by teachers—for teachers, the SNAP CIRCUITS® STEM Classroom Activity Kit for grades 3-5, allows students to grasp how electrical circuits work, and drive appreciation for how these circuits impact their lives. This classroom pack includes 6 activity kits, 6 student workbooks (extras sold separately), 1 Teacher's Guide, 1 carrying case, spare parts, digital presentation assets and other supplemental materials.

UPC: 756619014180

GRADES 3-5



Model SCSC3CP



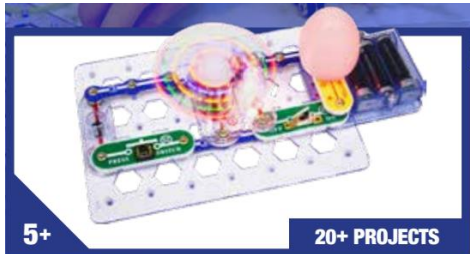
SCAN TO LEARN MORE ONLINE



NEW KIT!



Hands-On STEM Activity Kits



5+

20+ PROJECTS

SNAP CIRCUITS® BEGINNER

Model SCB20

Begin your SNAP CIRCUITS® Experience with a wonderful introduction to problem solving, following directions and the satisfaction of a job well done. Extra safety features for younger engineers. Easy-to-follow color manual designed for beginners.

UPC: 756619010861



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8+

100+ PROJECTS

SNAP CIRCUITS® JUNIOR Model SC100

The essential SNAP CIRCUITS® kit for everyone! Great for an introduction to electricity and for building your skills. Build and play over and over for hours of fun and learning. Build a photo sensor, a flashing light, a siren and more!

UPC: 756619002415



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8+

300+ PROJECTS

SNAP CIRCUITS® CLASSIC™

Model SC300

Our classic SNAP CIRCUITS® kit for everyone. Includes all of the SC100 projects plus 200 more! Build photosensitive electronic organ, lie detector, two-finger touch lamp, radio and more projects!

UPC: 756619002187



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SNAP CIRCUITS® is WHERE LEARN AND PLAY COLLIDE®

SNAP CIRCUITS® is the original STEM tool that invites kids to make electronic toys, sounds, lights, gadgets and more. No tools are required and the patented SNAP CIRCUITS® safety device, Circuit Safe®, provides a safe learning environment that truly fosters creativity, problem solving skills, and confidence



8+

175+ PROJECTS

SNAP CIRCUITS® LIGHT

Model SCL175

Be amazed by light! Make your own circuits to control light while learning about electricity and more! Connect your device and enjoy your music as the lights change to the beat.

UPC: 756619009186



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8+

RC SNAP ROVER®

Model SCROV10

Have FUN building your own remote control Snap Rover®. This innovative kit offers a fun, hands-on education in electronics, allowing kids to create a rover by snapping together working circuitry. Guide your Snap Rover® with the easy-to-use remote control.

UPC: 756619005614

20+ PROJECTS



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8+

200+ PROJECTS

SNAP CIRCUITS® ARCADE

Model SCA200

Ever wonder how all those arcade games work? Have fun and play arcade games with your friends while learning STEM! Includes programmable word fan, dual LED display, and more!

UPC: 756619010854



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8+

750+ PROJECTS

SNAP CIRCUITS® EXTREME

Model SC750

Extreme fun with our largest SNAP CIRCUITS® kit! Includes all of the instruction and projects of the SC500, plus 250 more! Great introduction to electricity and plenty of projects to build your skills. Hours of fun and learning. Includes a photo resistor, power amplifier, analog meter, solar cell, to keep the fun going!

UPC: 756619002958



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Hands-On STEM Activity Kits



8+

SNAP CIRCUITS® MYHOME

Model SCMYH7

Learn about circuitry, security systems, dimmer switches, automatic lights, alarms, motion detectors, fan speeds, appliance motors, generators, and much more. Build a house or city tower with real, working, 3-D circuits, just like the ones you use everyday.

UPC: 756619013213

25+ PROJECTS



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SNAP CIRCUITS® GREEN ENERGY

Model SCG225

Learn the basics of electronics and modern alternative energy. Explore clean energy concepts, like electric cars, and hand-generated power. Delve into different environmentally-friendly energy like geothermal, hydrogen fuel cells, wind, solar, tidal, hydro, and others. Perfect for environmentalists and future engineers!

UPC: 756619012841

125+ PROJECTS



7 56619 01284 1



SNAP CIRCUITS® STEM-1

Model SC-STEM1

LEARN ELECTRICITY: Learn how electricity and magnets can be used to make each other! Use over 40 parts including lamps, switches, fan compass and more to build over 75 projects!

UPC 56619 01190

SC-STEM1



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SNAP CIRCUITS® DISCOVER CODING Model SCD303

Download the Snap Circuits® App and control Snap Circuits® projects using your smartphone or tablet to control lights, sounds and a motor! Discover Coding is a great introduction to coding, using easy graphical coding. More advanced coders can move up to BLOCKLY coding.

UPC: 756619013336

15+ PROJECTS



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8+



Build It Yourself STEM Robot Kits



HYDROBOT ARM KIT

Model TTR632

Use levers and the power of hydraulics to activate the multi axis arm. No batteries required. Powered by water, lever controllers have a special braking system that achieve fine, accurate tasks with ease. The gripper can open and close with a max 47mm (1.89in) gap, wrist joint rotation of 180 degrees, wrist joint mobility of 98°, elbow joint range of 44°, base rotation of 270°, and shoulder joint motion of 45°.

UPC: 756619012728

230+ PARTS



12+

MECH-5

Truly innovative-screenless coding. A mission-based STEM coding robot with a mechanical coding wheel, instead of a computer. Mech-5 is "unplugged" – a new concept of coding without a computer or app. Just snap coding buttons onto the coding wheel to initiate movement such as forward, backward, turn, spin, or pause. Screenless coding!

Model TTC895



UPC: 756619012681

220+ PARTS



10+

MULTIPLE BUILDS



ZIVKO THE ROBOT

Model TTR893

Zivko is an intelligent Hexiped robot and a great introduction to Artificial Intelligence (AI) technology. With sound and lights, Zivko has two function modes: Follow or Explore. In "Follow", Zivko follows you like a pet. In "Explore", Zivko avoids obstacles and finds new routes to explore.

UPC: 756619012759

100+ PARTS



10+

SOLARBOT.14

Model TTG615

Solar panels convert the sun's energy into usable electricity. Build 14 different robots, all powered by the sun! No batteries required. Models vary in size, PaddleBOT is 10" L / 4" W / 2" H

UPC: 756619012698

250+ PARTS



10+

MULTIPLE BUILDS

Hands-on SOLDERING KITS & TOOLS bring STEM Learning to Life



13+

AM/FM RADIO KIT

Training course divided into 9 lessons: Audio Amplifier, AM Detector, AM IF, AM Amplifier, AM Mixer & Oscillator, FM Detector, 1st FM IF, 2d FM IF, and FM RF Stages.

UPC: 756619008769

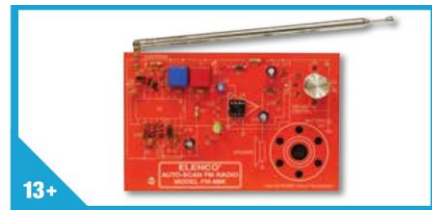


13+

TWO IC AM RADIO KIT Model AM780K

Easy-to-Build complete radio on one PC board. Unique design allows you to place parts over its corresponding symbol on the board. Teaches the basic theory of AM radio operation.

UPC: 756619001616



13+

TWO IC FM RADIO KIT Model FM88K

Build your own radio with auto-scan to search stations! Designed to receive FM signals and use electronic auto-scan to search for FM stations. This is done with two button switches - one switch scans up, the other resets to the start of the tuning position.

UPC: 756619008011



13+

SOLDERING STATION

Model SL75

Low-cost Solder Station features manual temperature settings. Includes a conical tip. Screwdriver tip is available.

UPC: 756619006673



13+

SOLDER PRACTICE KIT WITH IRON & CUTTERS Model AK100

Great for beginners! After practicing your soldering techniques on the special area of the board, you're be ready to assemble this European siren with flashing LEDs. Includes a soldering iron and wire cutters.

UPC: 756619910000



13+

TWO IC FM RADIO KIT WITH TOOLS Model WMSK200

Learn to solder! Build a functional FM radio receiver with electronic auto-scan to search for FM stations. Everything you need is included!

UPC: 756619011653



13+

DELUXE HOW TO SOLDER KIT

Model SK175

Learn how to solder properly using a variable temperature solder station providing a temp. range of 350° to 900°F.

- SL-75 Variable temp. station with conical tip
- SL-75T2 Wedge tip
- SP-1A Solder practice kit
- ST1-1 Diagonal cutter
- SE-1 Solder ease kit

UPC: 756619008127



13+

SAFETY GOGGLES

Model ST22

Features Wide Upper Frame Fits Over Prescription Glasses



WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov.

Applies to all items on this page.

Soldering Required.

Hands-on COMPONENT KITS bring STEM Learning to Life



13+

LED ASSORTMENT KIT Model LEDK80

Contains a variety of types & colors: small, standard, large, rectangular, bi-color, blinking, ultra bright, red, amber, green, blue, yellow & white.

UPC: 756619008585



13+

HOOK-UP WIRE KIT Model WK106

Six 25ft spools of #22 gauge solid wire in red, yellow, black, white, green, and blue in a dispenser box.

UPC: 756619009407



13+

CAPACITOR KIT Model CAPK100

Contains a ceramic disc, mylar, and electrolytic-type capacitors.

UPC: 756619008424



13+

DIODE KIT Model DIOK80

Contains assortment of silicon, zener, germanium, bridge, and switching diodes.

UPC: 756619009131



13+

BASIC ELECTRONIC PARTS KIT

Model CK1000

A wide variety of basic electronic parts for almost any training project. Over 200 parts, including ICs, transistors, diodes, LEDs, and more!

UPC: 756619003535

