

SNAP CIRCUITS®



TOY CATALOG 2024



WE makeTM
TOOLS FOR MAKERSTM
By  ELENCO

BROUGHT
TO YOU BY



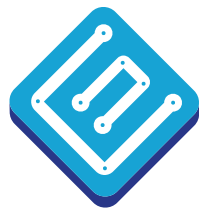
ELENCO[®]
Learn by doing.™



**LET'S
PLAY!**



**ALL NEW STEM TOYS
COMING IN 2024**



ELENCO[®]

Learn by doing.[®]

Founded in 1972, Elenco has been delivering quality **STEAM** learning toys for more than 50 years. Elenco's commitment to delivering quality toy experiences comes to life across three core brands; **SNAP CIRCUITS**[®], **TEACH TECH**[™], and **WEMAKE**[™].

Elenco toys not only provide hours of play, but truly teach kids about how the world works. That includes learning how **STEAM** topics like electricity, engineering, and coding come to life in the real world. We inspire kids to learn while fostering curiosity, problem-solving skills and confidence.



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**SNAP CIRCUITS® is
WHERE LEARN AND PLAY COLLIDE®**

Launched in 2002, **SNAP CIRCUITS®** is the original **STEM** toy 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.

BIG NEWS COMING 2024:

- Existing items will transition to our new packaging look
- Introducing new **SNAP CIRCUITS®** STEM toys





8+

AVAILABLE JAN. 2024

SNAP CIRCUITS® Model SCGRNENK1T GREEN ENERGY LAB

Explore alternative Energy in a Snap and build 40+ projects that include making your own solar lights, exploring wind energy and rechargeable batteries, as alternative sources of power.

UPC: 756619014296



8+

AVAILABLE JAN. 2024

SNAP CIRCUITS® Model SCGMPLY GAME PLAY

Make dozens of electronic gadgets that power light and sound, all from one box! Build custom circuits that power 20+ electronic games and 60+ total projects for hours of Game Play!

UPC: 756619014302



8+

AVAILABLE JAN. 2024

SNAP CIRCUITS® Model SCP12 SNAP FM® RADIO

Build, learn, listen, and dance! SNAP FM® Radio provides a valuable and practical beginner level STEM Toy experience for all kids ages 5+. This entry level SNAP CIRCUITS® STEM Toy kit provides hands-on understanding of how electrical components bring a radio to life.

UPC: 756619010229



8+

AVAILABLE JAN. 2024

SNAP CIRCUITS® Model SCFLTKIT FLIGHT DECK®

The simple design and flexible application of FLIGHT DECK® creates hours of fun with five unique projects. Kids will build the circuits that launch paper airplanes, flying saucers, and balls. Additional projects include creating artistic patterns on a spinning wheel and learning about air pressure by levitating balls over a fan.

UPC: 756619014289



SNAP BOARD GAME!



7+

AVAILABLE MAR. 2024

SNAP CIRCUITS® SNAP 2 IT® Model SCBOARDGAME

SNAP 2 IT® is a family board game that integrates traditional board game play with the value of teaching foundational STEM principles of electricity. 1-4 players have so much fun, they don't even know they are learning. Play summary: a battery is placed in the middle of the playing grid, each player chooses their light - the first player to create a path of SNAP CIRCUITS® parts between their light and the battery, wins the game! SNAP 2 IT® and let's play!

UPC: 756619014371



SNAP CIRCUITS

®

**NEW STEM TOYS
ARRIVING
2024**



5+

AVAILABLE JUL. 2024

SNAP CIRCUITS® NITE LITE

Model SCNITELITE

Kids feel a sense of accomplishment by playing with a toy that they built themselves. With SNAP CIRCUITS® Nite Lite kids can turn any dark room into a brilliant light show. Choose from 5 different light projections: a herd of dinosaurs, school of fish, moon & stars, under sea life, and spaceships & astronauts.

UPC: 756619014388



8+

SEASONAL MINI KIT

SNAP CIRCUITS® EASTER EGG LIGHT

Model SCEGGLIGHT

Light up your Easter basket with the SNAP CIRCUITS® Easter Egg Light STEAM kit. Decorate your easter egg with your custom design and illuminate your creation on your SNAP CIRCUITS® Egg light circuit. Each kit comes with three eggs and four paper baskets.

UPC: 756619014272



8+

SEASONAL MINI KIT

SNAP CIRCUITS® PUMPKIN LIGHT

Model SCPMKLT

Illuminate your Halloween jack-o-lanterns and light your pumpkin with multiple LED colors. Batteries (not included) provide 72 hours of glow time for your pumpkin. Easy to use and durable construction.

UPC: 756619014265



5+

SEASONAL MINI KIT

SNAP CIRCUITS® HOLIDAY ORNAMENT

Model SCSNSFS1

Create lasting memories with the SNAP CIRCUITS® Holiday Ornament. Its snowflake design illuminates with red and green lights. USB cord included. Batteries are not required.

UPC: 756619014517



10+

SEASONAL MINI KIT

SNAP CIRCUITS® HOLIDAY TREE LIGHT

Model SCHOLTR1

Light up your holidays by creating a simple circuit that illuminates a multi color fiber optic holiday tree. Batteries not included and no tools required.

UPC: 756619014425





8+

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



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 every day. With seven colorful base grids to make your structure your own, learn how electricity travels and powers your home.

UPC: 756619013213

25+ PROJECTS



8+



8+

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



8+

SNAP CIRCUITS® BATTERY ELIMINATOR

Model ACSNAP

Works with all SNAP CIRCUITS® models except Snap Rovers.

Transformer UL Approved

UPC: 756619005744



8+

RC SNAP ROVER®

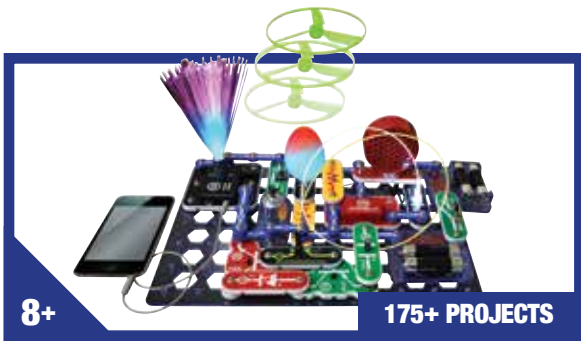
Model SCROV10

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





8+

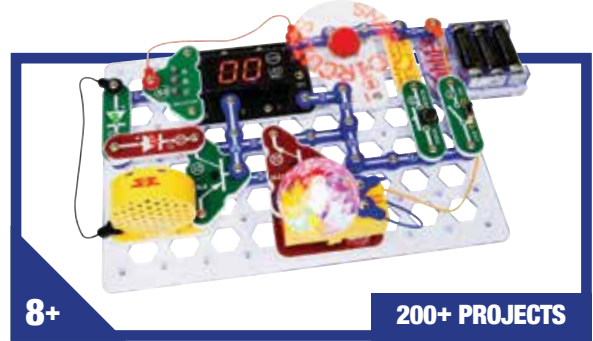
175+ PROJECTS

**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



8+

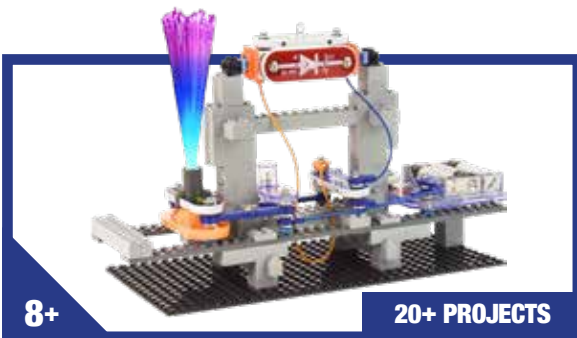
200+ PROJECTS

**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



8+

20+ PROJECTS

**SNAP CIRCUITS®
BRIC: STRUCTURES**

Model SCBRIC1

Wire up your brick builds with lights, sounds, and moving parts to invent almost anything and make it go! Combine SNAP CIRCUITS® with building bricks to create endless combinations of construction and circuitry.

UPC: 756619012360



8+

165+ PROJECTS

**SNAP CIRCUITS®
MOTION**

Model SCM165

Motion runs our world—learn how it works! Experiment with gear ratios and other fun projects focused on motion and physics. Includes color changing lighted fan, air 'fountain', motion detector and much more!

UPC: 756619010397



10+

125+ PROJECTS

**ELECTRONIC
PLAYGROUND 130**

Model EP130

Start a great hobby in electronics. Spring coil connections make it safe and easy to use. Includes detailed, step-by-step illustrated manual for easy construction.

UPC: 756619006987



10+

45+ PROJECTS

**60-IN ONE ELECTRONIC
PLAYGROUND**

Model EP60

Build over 60 electronic projects including a finger touch lamp, a metal detector, a transistor radio and an alarm.

UPC: 756619013800





5+

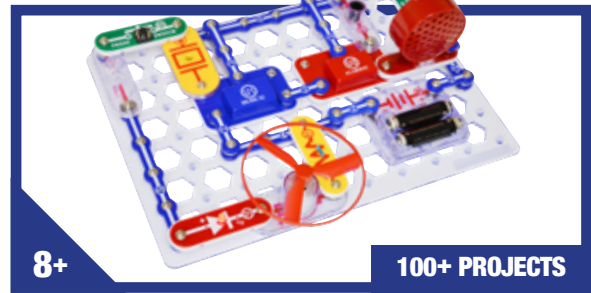
20+ PROJECTS

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



8+

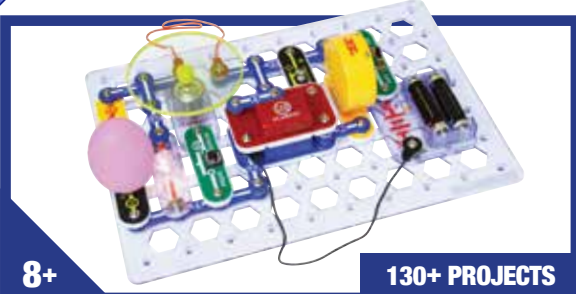
100+ PROJECTS

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



8+

130+ PROJECTS

SNAP CIRCUITS® JR. SELECT

Model SC130

Another great addition to the award-winning SNAP CIRCUITS® line. Projects include a glow-in-the-dark flying propeller, photo transistor, LED, resistor, IC's, a DC motor and much more.

UPC: 756619010847



8+

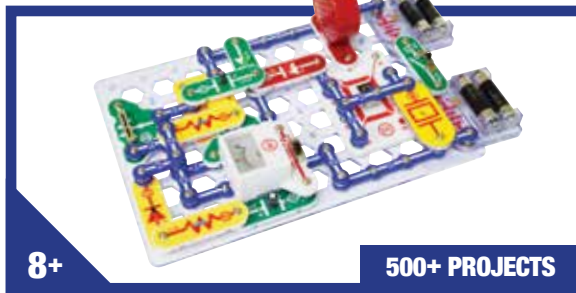
300+ PROJECTS

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



8+

500+ PROJECTS

SNAP CIRCUITS® PRO

Model SC500

Includes all of the instruction and projects of the SC300, plus 200 more! Great introduction to electricity and for building your skills. Hours of fun and learning. Projects include digital voice recorder, FM radio, screaming fan, and much more.

UPC: 756619002590



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



SNAP CIRCUITS® EDUCATIONAL KITS FOR CLASSROOMS AND HOMESCHOOLING



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



SNAP CIRCUITS® STEM CLASSROOM STUDENT WORKBOOKS Model SCSCWP6

6 additional student workbooks.

UPC: 756619014203

6 WORKBOOKS



MEET TEACH TECH™



THE JOURNEY IS IN THE BUILD

Made for kids who love to build! All **TEACH TECH™** products are Build-It Yourself. Remove the parts from the "parts-tree" and follow the instructions to put your design together piece-by-piece. For kids whose play-time includes the putting-together time.

With a core focus in **STEM** education, the **TEACH TECH™** product line is comprised of three categories:

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CODING: These build-it-yourself robots teach the fundamentals of **ROBOTICS** and **CODING**, while incorporating problem-solving and creativity.

Mech-5, Mechanical Coding Robot

GREEN ENERGY: There's no better time than now to start children on the path to learning basic concepts behind these technologies. All **TEACH TECH™** Green-Energy robots are powered by water, wind or the sun — no batteries required!

*Meta.4, SolarBot.14,
Tusk, Beach Runner,
Rivet Rex*



MECHANICAL-ROBOTICS: In the classroom or at home, Mechanical-Robotics have a big impact on **STEM** education. Build and learn about robots, while you have fun!

*Zivko the Robot; King Lizard Robot;
HydroBot Arm Kit*



10+

KING LIZARD ROBOT KIT

Build your own lizard robot! With two artificial Intelligence (AI) modes, "Chase" and "Escape". In "Escape", the lizard will run away when startled. When the infrared sensor is activated in the "Chase" mode, King Lizard will give you an energetic frill display or follow you like a pet.

UPC: 756619012735

90+ PARTS



Model TTR892



8+

MULTIPLE BUILDS

BEACH RUNNER

Model TTG754

Explore the use of alternative energy with this environmentally safe, build-it-yourself non-toxic Beach Runner saltwater powered racer. Activate the magnesium fuel cell module with a saltwater mixture to power the on-board motor.

UPC: 756619013046

25+ PARTS



10+

MULTIPLE BUILDS

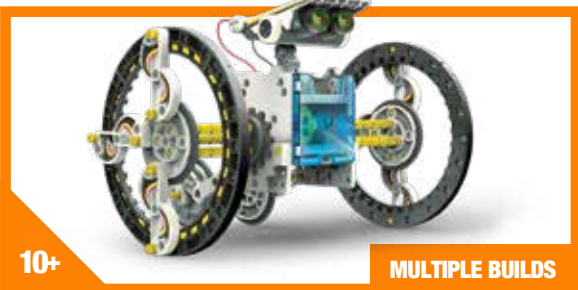
RIVET REX

Model TTG618

Follow the detailed instructions to build your robot. Rivet-Rex 12 solar powered kit contains unique components & parts to construct mechanical robots that operate like animals. Powered by direct sunlight. No batteries required.

UPC: 756619012742

200+ PARTS



10+

MULTIPLE BUILDS

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



8+

TUSK

Model TTG682

Tusk is ideal for a do-it-yourself science fair, after-school, or summer workshop project with the bonus gift of learning mechanical transmission and electrical motor theory.

UPC: 756619013053

45+ PARTS





10+

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



META.4

Introduce robotics to younger children with larger, easier to handle parts. Build and rebuild 4 different models: T-Rex, Rhino Beetle, Drill Vehicle, and Robot. Powered by clean, green, sunlight - no batteries needed. Models vary in size, Robot is 2" L / 4" W / 2"H

UPC: 756619012711

60+ PARTS



Model TTG617



8+

MULTIPLE BUILDS



12+

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



MECH-5

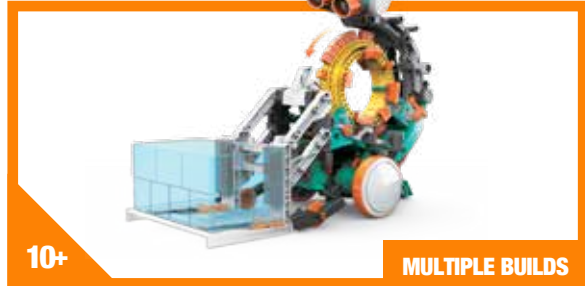
Truly innovative-screenless coding. A mission-based STEM coding robot with a mechanical coding wheel, instead of a computer. Mech-5 is "unplugged" – a new concept of coding without a computer or app. Just snap coding buttons onto the coding wheel to initiate movement such as forward, backward, turn,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

UPC: 756619012681

220+ PARTS



Model TTC895



10+

MULTIPLE BUILDS



THROWING-BOT



DRAWING-BOT



FORKLIFT-BOT

5 Mech 5 has FIVE different set-ups to Build and Code.



GRIPPER-BOT



SOCCER-BOT



UNPLUGGED
A new concept of coding, without a computer or APP.

OVER 220 PARTS



13+

SAFETY GOGGLES

Contours to your head. Soft vinyl frame. Ventilated and safety-approved.

UPC: 756619011585



Model WMSG20



13+

TWO IC FM RATIO 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+

LEARN TO SOLDER KIT

Model ST12ETL

Everything you need to learn the basics of soldering! Easy instructions included!

UPC: 756619010632



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+

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+

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+

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+

BASIC ELECTRONIC PARTS KIT

Model CK1000

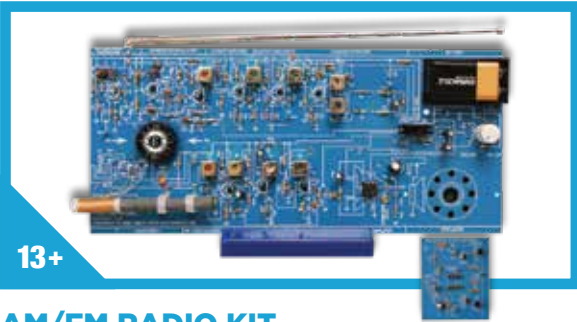
A wide variety of basic electronic parts for almost any training project. Over 200 parts, including ICs, transistors, diodes, LEDs, and more!

UPC: 756619003535





Soldering Kits



13+

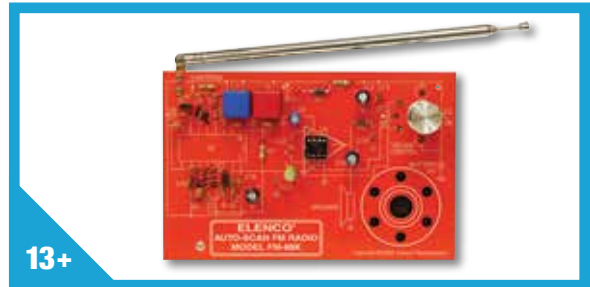
AM/FM RADIO KIT

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

UPC: 756619008769



Model AMFM108CK



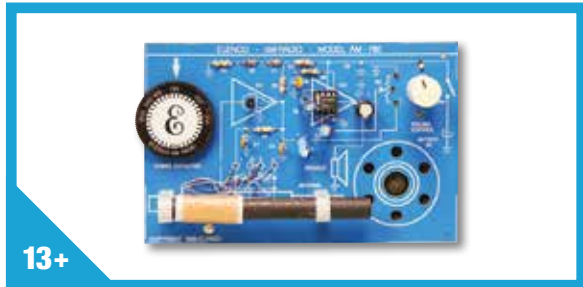
13+

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+

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+

VARIABLE VOLTAGE POWER SUPPLY KIT

Model XP15K

A handy portable power supply features an output voltage variable from 0 to 15V at 0.3 ampere maximum current.

UPC: 756619000374



13+

SOLDERING STATION

Model SL75

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

UPC: 756619006673



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

Applies to all items on this page.

Soldering Required.

PRODUCT SUMMARY

PRODUCT	SKU#	UPC#	PRODUCT	SKU#	UPC#
Green Energy Lab	SCGRNENGKIT	756619014296	STEM Classroom Student Workbooks	SCSCWP6	756619014203
Game Play	SCGMPLY	756619014302	Zivko	TTR893	756619012759
Snap FM® Radio	SCP12	756619010229	Solarbot.14	TTG615	756619012698
Flight Deck®	SCFLTKIT	756619014289	Meta.4	TTG617	756619012711
Snap 2 It	SCBOARDGAME	756619014371	Tusk	TTG682	756619013053
Nite Lite	SCNITELITE	756619014388	Mech-5	TTC895	756619012681
Easter Egg Light	SCEGGLIGHT	756619014272	Beach Runner	TTG754	756619013046
Pumpkin Light	SCPMKLT	756619014265	Rivet Rex	TTG618	756619012742
Holiday Tree	SCHOLTR1	756619014425	Hydrobot Arm Kit	TTR632	756619012728
Holiday Ornament	SCSNSFS1	756619014517	King Lizard	TTR892	756619012735
Green Energy	SCG225	756619012841	Safety Goggles	WMSG20	756619011585
MyHome	SCMYH7	756619013213	Soldering Station	SL75	756619006673
Discover Coding	SCD303	756619013336	Variable Voltage Power Supply Kit	XP15K	756619000374
Battery Eliminator	ACSNAP	756619005744	Learn to Solder Kit	ST12ETL	756619010632
Arcade	SCA200	756619010854	Two IC FM Radio Kit w/ Tools	WMSK200	756619011653
BRIC: Structures	SCBRIC1	756619012360	Solder Practice Kit w/ Iron & Cutters	AK100	756619910000
Electronic Playground 130	EP130	756619006987	Deluxe How To Solder Kit	SK175	756619008127
60-in-1 Electronic Playground	EP60	756619013800	Capacitor Kit	CAPK100	756619008424
Beginner	SCB20	756619010861	Diode Kit	DIOK80	756619009131
Junior	SC100	756619002415	LED Assortment Kit	LEDK80	756619008585
Jr. Select	SC130	756619010847	Hook-up Wire Kit	WK106	756619009407
Classic	SC300	756619002187	Basic Electronic Parts Kit	CK1000	756619003535
Pro	SC500	756619002590	AM/FM Radio Kit	AMFM108CK	756619008769
Extreme	SC750	756619002958	Two IC AM Kit	AM780K	756619001616
Training Program 1	SC100R	756619003283	Two IC FM Kit	FM88K	756619008011
Training Program 2	SC300R	756619003061			
Training Program 3	SC750R	756619005621			
STEM Classroom Activity Kit	SCSC3CP	756619014180			

SNAP CIRCUITS

LET'S PLAY!



SCAN TO LEARN MORE ONLINE



ALL NEW STEM TOYS COMING IN **2024**



Get connected!



Get inspired at

elenco.com

Get in touch! (847) 541-3800
(800) 533-2441
sales@elenco.com

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Wheeling, IL 60090, USA

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