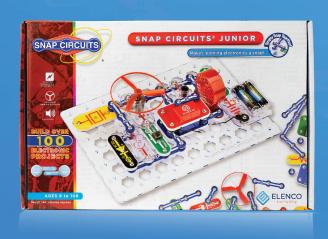


# HOW MANY ELECTRONIC TOYS CAN YOU FIT INTO ONE BOX?



# 100 TO BE PRECISE







# Introducing: SNAP CIRCUITS STEM Classroom Activity Kit

For Grades 3-5

Learn more at www.elenco.com

SNAP CIRCUITS STEM
Classroom Activity Kit will
allow Students to grasp how
electrical circuits work, and
drive appreciation for how
electrical circuit impact
their lives.



Our STEM Classroom Activity Kit was designed by teachers for teachers!\*

What I really enjoyed about this classroom set was that everything that was needed to understand the unit was in the box. I really enjoyed the convenience of just having to tell students this is what is needed for the lesson or turn to page in your books.

- 5th grade teacher from Los Angeles, CA

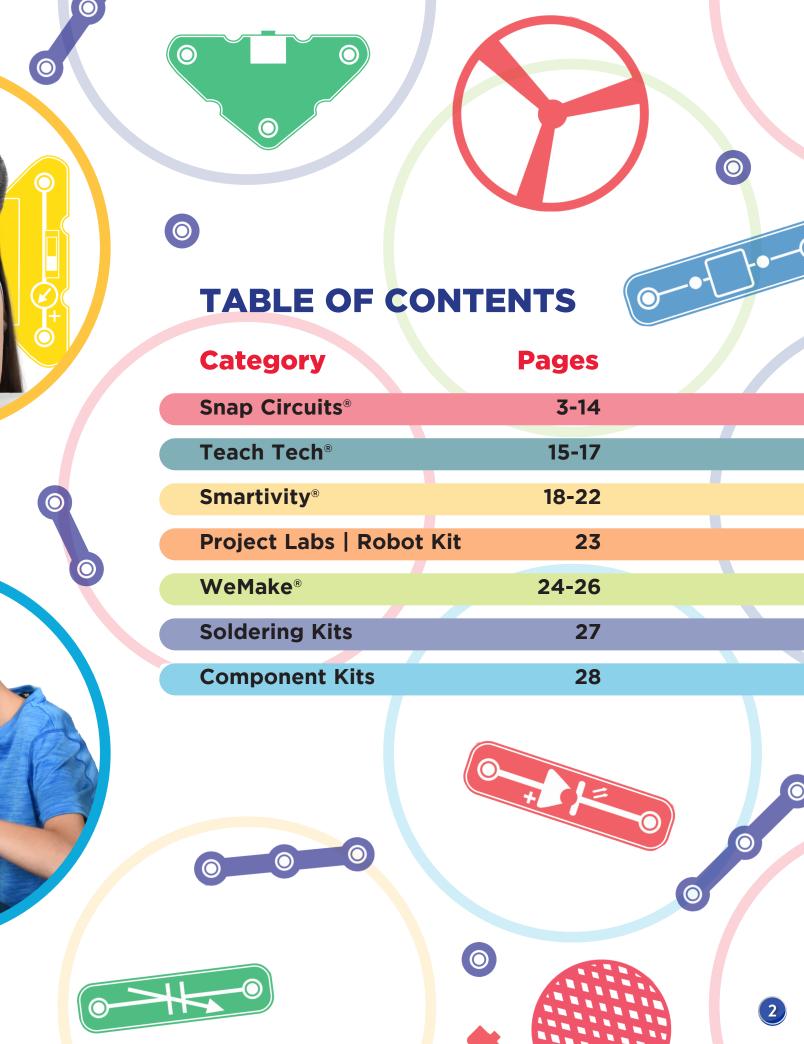
My overall impression is that I loved this curriculum. It had the perfect balance of teacher-directed and student-directed learning within each lesson.

- 4th grade teacher from Houston, TX

I would recommend this curriculum and set to another teacher and school. This curriculum has so much potential and hands-on activities which allows students to explore different concepts and be successful in science.

- 3rd Grade Teacher from St. Charles, IL



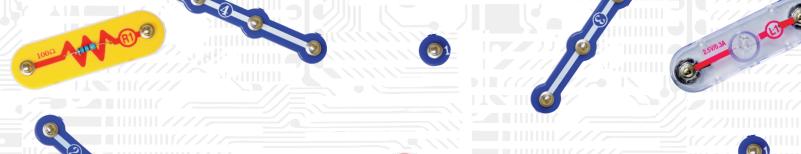




# SO MANY TOYS IN ONE BOXI

Snap Circuits<sup>®</sup> are the buildable, playable kits that invite kids to make dozens of cool electronic gadgets, games, and more! Our kits mash up tech with toys, so kids can make tons of cool projects!

All from one box. With so many toys to build and discover, the fun keeps going!





# ABOUT SNAP CIRCUITS®

Elenco's Snap Circuits® makes learning electronics easy and fun! Just follow the colorful pictures in our manual and build exciting projects, such as FM radios, digital voice recorders, AM radios, burglar alarms, doorbells, and much more! You can even play electronic games with your friends. All parts are mounted on plastic modules and snap together with ease. Enjoy hours of educational fun while learning about electronics. Snap Circuits® are endorsed by educators worldwide and used in schools, libraries, museums, STEM programs and at home. Many of today's rising engineers, inventors, architects and educators learned the basics of technology by playing and creating with Snap Circuits®. The CircuitSafe® patented safety device unique to Snap Circuits® branded products makes learning circuitry safe.

No tools required. Uses "AA" batteries, unless otherwise indicated.



# SNAP CIRCUITS® AWARDS

For nearly twenty years, Snap Circuits® has been the go-to toy for learning electronics. Snap Circuits® products have won many awards, including: Toy of the Year (TOTY), ASTRA's Best Toys for Kids, Parents' Choice Recommended, Good Housekeeping's Best Toy, Family Choice, National Parenting Publications Awards (NAPPA Gold), Children's Choice, Dr. Toy (100 Best Children's Products, 10 Best Educational Products, Green Toy Company), the inaugural Seriously STEM Award & KAPi Award.







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.

**Over 20 Projects** 

UPC: 756619010861







# **SNAP CIRCUITS® JUNIOR**

Model SC-100

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!

**Over 100 Projects** 

UPC: 756619002415









# **SNAP CIRCUITS® JR. SELECT** Model SC-130

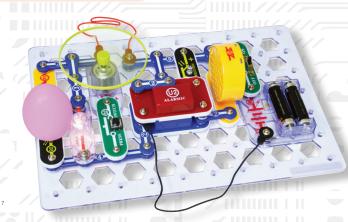
Another great addition to the award-winning Snap Circuits® product line. Projects include a glow-in-the-dark flying propeller, phototransistor, LED, resistor, IC's, a DC motor and much more.

**Over 130 Projects** 











### SNAP CIRCUITS CLASSIC

Model SC-300

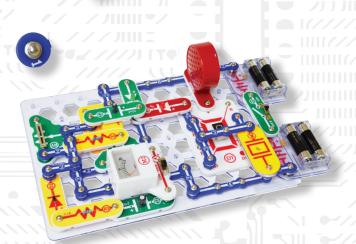
Our classic Snap Circuits® kit for everyone! Includes projects from the SC100 kits plus many, many more! Great for an introduction to electricity and for building your skills. Hours of fun and learning. Projects include photosensitive elctroninc organ, lie detector, two-finger touch lamp, radio and more!

**Over 300 Projects** 

UPC: 756619002187







### SNAP CIRCUITS' PRO

Model SC-500

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.

**Over 500 Projects** 





# UPC: 756619002590

# SNAP CIRCUITS EXTREME

Model SC-750

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. Inludes a photo resistor, power amplifier, analog meter, solar cell, to keep the fun going!

**Over 750 Projects** 











# SNAP CIRCUITS® GREEN ENERGY Model SCG-225

Learn the basics of electronics and modern alternative energy. Explore clean energy concepts, such as electric cars, solar energy, windmills, and hand-generated power. Includes full-color manual and separate "Think Green" educational manual that explains environmentally-friendly energy including geothermal, hydrogen fuel cells, wind, solar, tidal, hydro, and others. Perfect for environmentalists and future engineers!

> Over 125 Projects UPC: 756619012841









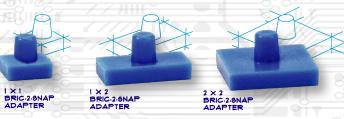






# **SNAP CIRCUITS° BRIC: STRUCTURES Model SC-BRIC1**

Wire up your brick builds with lights, sounds, and moving parts to invent almost anything and make it go! Use your imagination to combine Snap Circuits <sup>®</sup> with building bricks to make endless combinations of construction and circuitry. Includes 75 Bric-2-Snap adapters and over 140 fully compatible building bricks.



Over 20 Projects

UPC: 756619012360







# RC SNAP ROVER®

**Model SCROV-10** 

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.

**Over 20 Projects** 













# **Model SCL-175**

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.

*Includes:* color organ controlled by smart phone/tablet, voice or finger, strobe light with spinning patterns that will amaze you with its visual effects.

**Over 175 Projects** 







# IDEAL FOR HOME SCHOOLING, MIDDLE SCHOOLS AND HIGH SCHOOLS

## **SNAP CIRCUITS® TRAINING PROGRAM**

Model SC-100R

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.

- · Same components as the SC100.
- Includes Student & Teachers Guides and case.

Over 100 Projects

UPC: 756619003283









# SNAP CIRCUITS® TRAINING PROGRAM Model SC-300R

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, Student Guide, and Teacher Guide.

**Over 300 Projects** 

UPC: 756619003061









# SNAP CIRCUITS® TRAINING PROGRAM Model SC-750R

An in-depth exploration of the electronic components included with the SC-750 Snap Circuits® Extreme.

- CI-73 (software is PC only) Computer interface with 70 extra experiments available.
- Includes 5 project manuals, Student, Teacher Guides & case.

**Over 750 Projects** 









# DISCOVER Making Coding a Snap®

# SNAP CIRCUITS' DISCOVER CODING

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.

Use with other Snap Circuits® sets to program larger circuits.

**Over 15 Projects** 

UPC: 75661901333



**EARN TO** 



Featuring The Snap Circuits® Coding Module SC Controller. Use the Bluetooth® **(2)** powered module and downloadable Snap Circuits app for endless coding fun!



Download the Snap Circuits® App







# MEET TEACH TECH®

TEACH TECH® features robotic kits that explore renewable energy and coding! TEACH TECH® follows the Learn By Doing® philosophy found in all of Elenco's products. Enjoy hours of educational fun while boosting their confidence and critical thinking skills. Kids can use their hands to build, tinker, and bring their creations to life with movement, coding, and programming. Kids can also explore alternative energy with kits that highlight solar, hydraulic, or wind power.



### 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:

10101101 11</CODE> 0111011

**Coding:** These build-it-yourself robots teach the fundamentals of robotics and coding, while incorporating problem-solving and creativity. Truly innovative coding robots that will keep children challenged and engaged, while still having fun.

*Mech-5, Mechanical Coding Robot* 



**Green-Energy:** With alternative energy playing such a pivotal role, there is 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 either water, wind or the sun, no batteries required.

Meta.4; SolarBot.14; Tusk



**Mechanical-Robotics:** In the classroom or at home, Mechanical-Robotics have a big impact on STEM education. Learn about robots, and have fun! The possibilities are as limitless as your imagination!

Zivko the Robot; King Lizard Robot; HydroBot Arm Kit









**ZIVKO THE ROBOT** Model TTR-893

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.

Size: 7" H

UPC: 756619012759

Over 100 Parts







# KING LIZARD ROBOT KIT Model TTR-892

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.

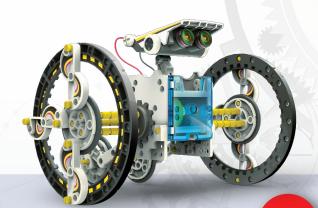
Size: 14.5" L

UPC:756619012735

Over 90 Parts







## **SOLARBOT.14** Model TTG-615

Builds 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.

**14 Different Builds** 

UPC: 756619012698

Over 250 Parts





Multiple



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

**4 Different Builds** 

UPC: 756619012711

Over 60 Parts





Multiple

Builds

# MECH-5 Model TTC-895







Truly innovative-scre coding wheel, instea a computer or app. as forward, backwar perfo

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. Thanks to this simple to follow approach, coding and performing more challenging tasks like throwing, lifting, kicking or drawing, become achievable as the user's coding skills increase.

Size: 8" H

UPC: 756619012681

Over 220 Parts

Multiple Builds





# **HYDROBOT ARM KIT**Model TTR-632

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 maximum 47 mm (1.89 in.) gap, wrist joint rotation of 180 degrees, wrist joint mobility of 98 degrees, elbow joint range of 44 degrees, base rotation of 270 degrees, and shoulder joint motion of 45 degrees.

Size: 9" L. 6.3" W. 15" H.

UPC: 756619012728

Over 230 Parts





# **TUSK**Model TTG-682

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.

Size: 2.25" H. 3.5" L.

UPC: 756619013053

Over 45 Parts







# Unleash your imagination with SMARTIVITY® Do-It-Yourself activity kits.

Made from high-quality, re-engineered, laser-cut wood, all SMARTIVITY<sup>®</sup> products are recyclable, safe, non-toxic, and sustainable.

Mess-free assembly using rubber bands - no glue required. With art materials from home and a little creativity, make your completed project your own.

Designed for learning fundamental principles of STEM/STEAM, each kit comes with easy-to-understand, illustrated instructions with experiments to ensure understanding of concepts learned through play.



**EDUCATIONAL BUILDING ACTIVITY** 













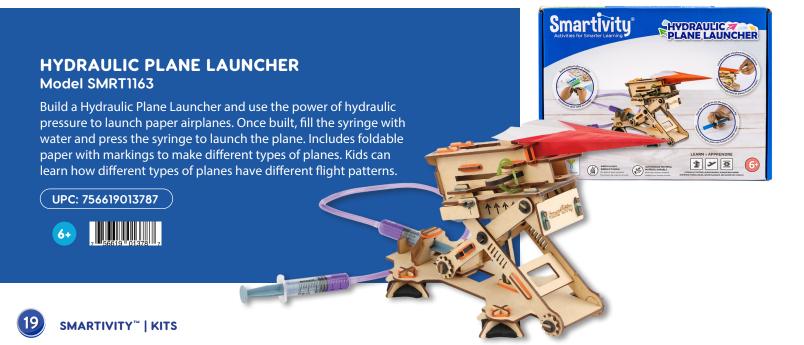


Model SMRT1040

Peer into the fascinating world of patterns and designs. Build the kaleidoscope, fill its drum with colorful trinkets included in the kit, and explore the wonders of light and color.

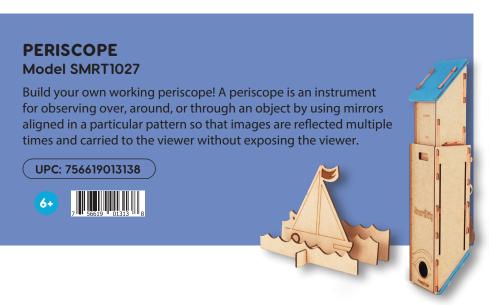












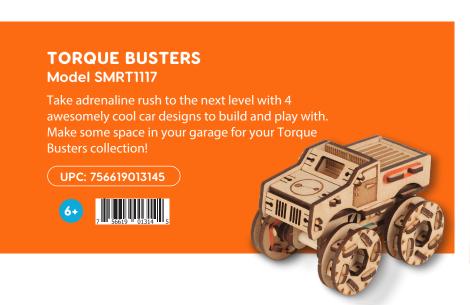




# SPEEDSTER Model SMRT1109 Build your own car, load it into the launcher and watch it zoom! UPC: 756619013121











## **60-IN-ONE ELECTRONIC PLAYGROUND** Model EP-60

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

**Spring Hook-Up** 

UPC: 756619013800

**Over 45 Projects** 



10+



# **ELECTRONIC PLAYGROUND 130** Model EP-130

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.

**Spring Hook-Up** 

UPC: 756619006987

Over 125 Projects











## FOLLOW ME SOUND DETECTING ROBOT Model 21-887

A very interesting sound detecting robot kit. The four built-in microphones detect the sound source and the robot turns and moves towards it. Just clap and the robot will come to you. Clap again from another position, and the robot will turn and move in that direction.

**Spring Hook-Up** 

UPC: 756619006277

**Over 45 Projects** 







Model WMSG20

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

your projects and soldering easier

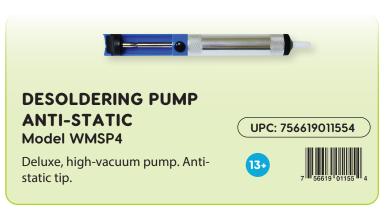














# **HELPING HAND MAGNIFYING GLASS** Model HH-55

For soldering or making fine adjustments. Adjustable arms can hold objects in any position.









# 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 inIcluded!

UPC: 756619011653





### LEARN TO SOLDER TOOL KIT

Model ST-12ETL

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

UPC: 756619001319



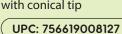




# **DELUXE HOW TO SOLDER KIT** Model SK-175

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

- SL-75 Variable temperature station with conical tip
- SL-75T2 Wedge tip
- SP-1A Solder practice kit
- ST1-1 Diagonal cutter
- SE-1 Solder ease kit
- Lead free solder











# SOLDER PRACTICE KIT WITH IRON & **CUTTERS**

Model AK-100

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. This kit also includes a soldering iron and wire cutters.









# TWO IC AM RADIO KIT Model AM-780K



allows you to place parts over its corresponding symbol on the PC board. Teaches the basic theory of AM radio operation.

UPC: 756619001616







### TWO IC FM RADIO KIT Model FM-88K



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 scan system is done with two button switches - one switch scans up, the other resets to the start of the tuning position.

UPC: 756619008011





# **VARIABLE VOLTAGE POWER SUPPLY KIT**

Model XP-15K

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



UPC: 756619000374





Model SL-75 Low-cost Solder Station features

manual temperature settings. Includes a conical tip. Screwdriver tip is available.





# **BASIC ELECTRONIC PARTS KIT** Model CK-1000

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

**Over 200 Pieces** 

UPC: 756619003535









### **HOOK-UP WIRE KIT** Model WK-106

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

6 Pieces

UPC: 756619009407







## CAPACITOR KIT Model CAPK100

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

100 Pieces

UPC: 756619008424







### DIODE KIT Model DIOK80

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

**80 Pieces** 

UPC: 756619009131







### 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. **80 Pieces** 

UPC: 756619008585







# 1/2W CARBON FILM **RESISTOR KIT**

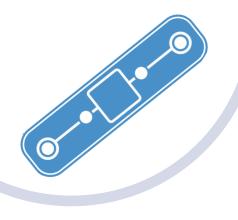
Model RK-365

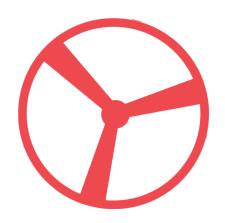
Contains 73 standard values  $1\Omega$ to  $1M\Omega - 1/2$  watt, 5% tolerance. carbon film.

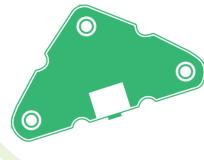
365 Pieces



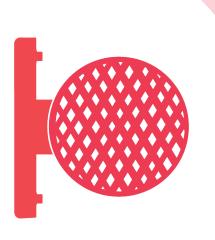








# Where Learn and Play Collide!











Colors, styles and case quantities are subject to change without notice









