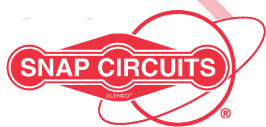
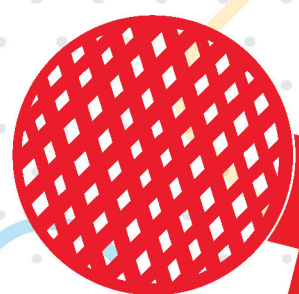


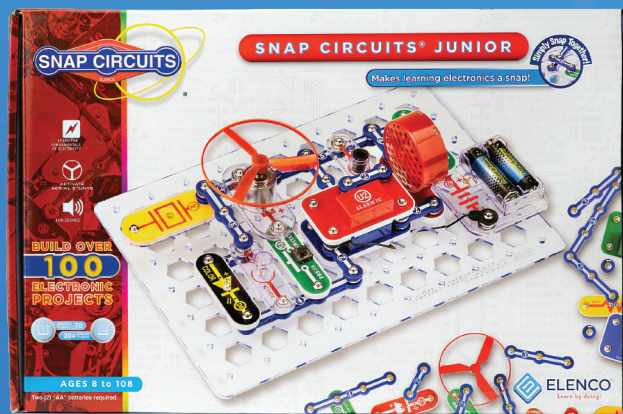
ELENCO[®]

Learn by doing.[®]

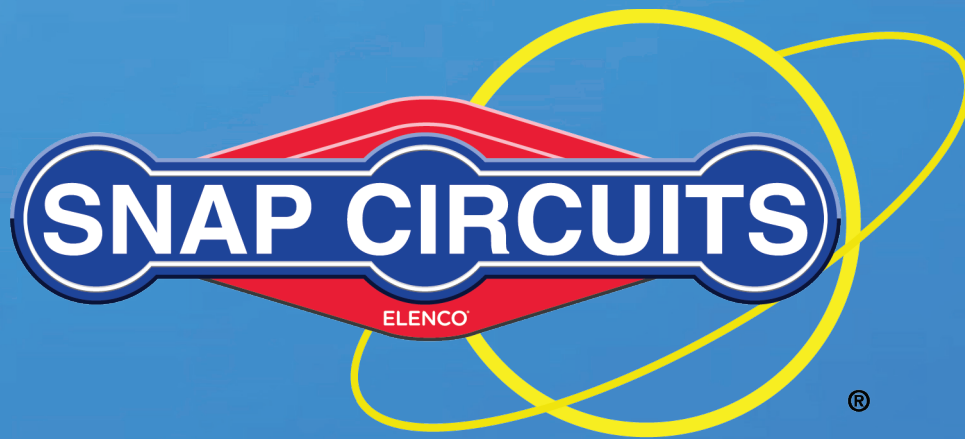
TOY CATALOG 2022



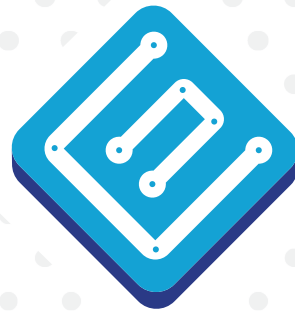
HOW MANY ELECTRONIC TOYS CAN YOU FIT INTO ONE BOX?



100 TO BE PRECISE



**SO MANY
TOYS IN
A SNAP.™**



ELENCO®

Learn by doing.®



ELENCO®

So much to
Celebrate!



Our mission over the last 50 YEARS has been to provide quality, innovative toys and educational products that are fun, affordable, engaging, and designed to instill a passion for learning and creating. We didn't start out in the toy business, but we've always been in education. In fact, our first products were convergence generators built by engineers for television repairmen, and our first customer was an education provider. While our focus today is to bring fun into learning about electronics, one thing hasn't changed: We still love engineering. We believe engaging minds in the excitement of building a real electronic device or a real working machine –no matter how simple– will never go out of style.

We are proud to call ourselves the makers of the award-winning **SNAP CIRCUITS®** brand. For 20 years, it has been the go-to toy for teaching electronics, engineering and more. **SNAP CIRCUITS®** are endorsed by K-12 educators globally and used in schools, libraries, museums, after-school and homeschool programs, STEM and Maker programs, and at home.

We still produce quality electronic instruments and test equipment, and we remain dedicated to creating affordable, safe and easy to use, educational toys that allow kids of all ages to use both sides of their brains and above all else, to **Learn by doing®.**





Category

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SNAP CIRCUITS

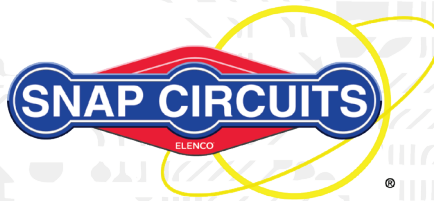
ELENCO

SO MANY
TOYS IN
A SNAP.™



SO MANY TOYS IN ONE BOX!

Snap Circuits® 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.



All SNAP CIRCUITS® products are officially STEM APPROVED by STEM.org

SNAP CIRCUITS

ELENCO

myHome

Your Home, Your Power, Know How It Works!

Simply Snap Together!



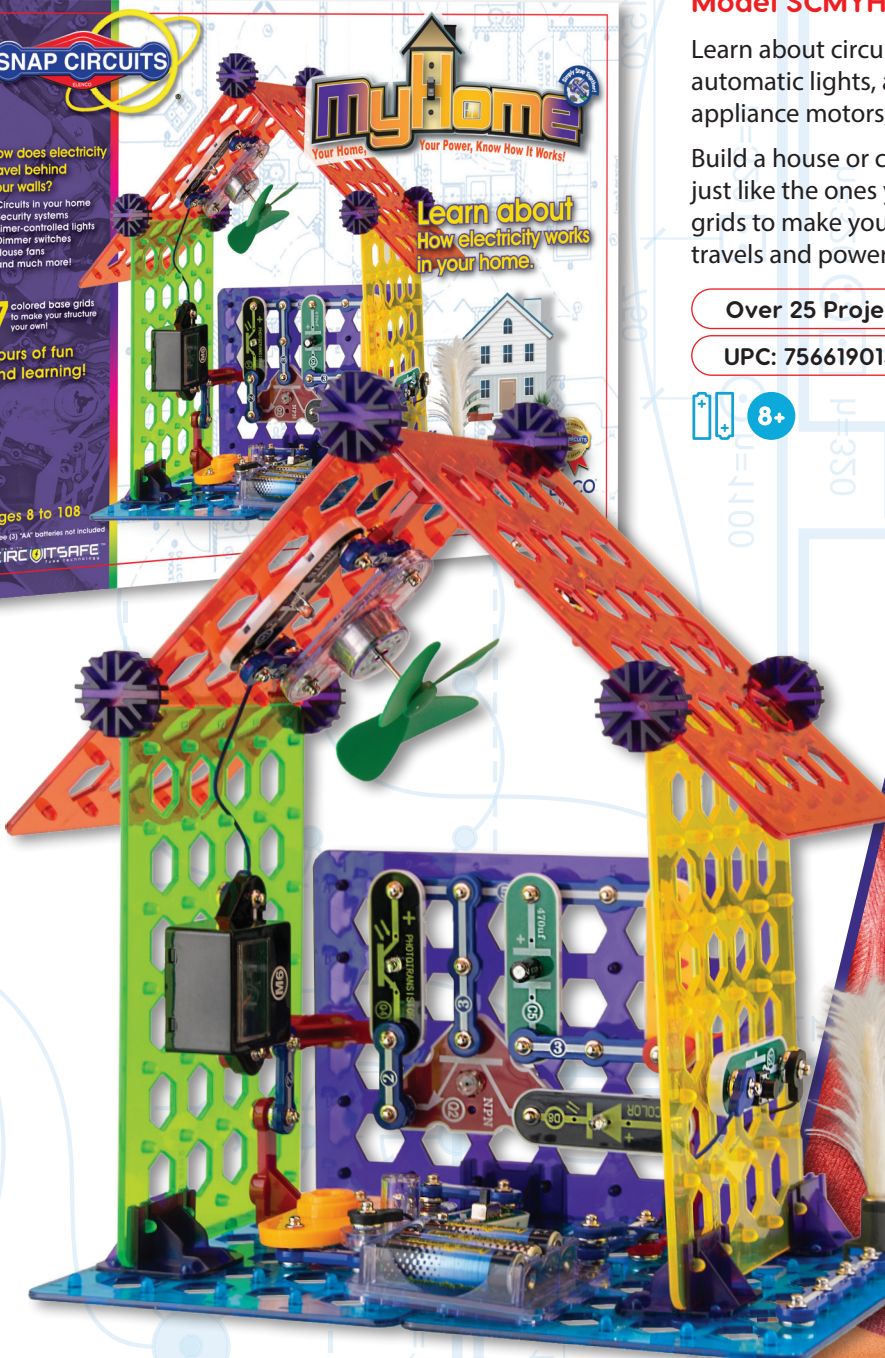
SNAP CIRCUITS® MYHOME Model SCMYH7

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.

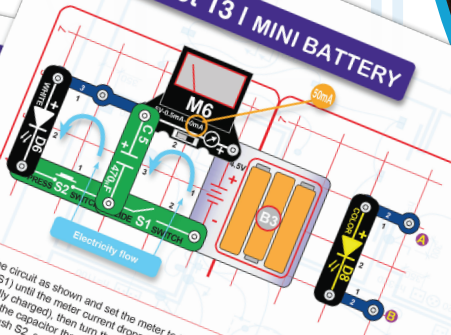
Over 25 Projects

UPC: 75661901321





Project 13 | MINI BATTERY



Build the circuit as shown and set the meter to the 50mA setting. Turn on the slide switch (S1) until the meter current drops to zero (indicating the 470µF capacitor (C5) is fully charged), then turn the switch off. Push the press switch (S2) to discharge the capacitor through the white LED (D8), lighting it. Turn S1 on and off several times.

Now turn S1 on and off, but then remove C5 from the circuit and place it across points A & B ("+" to A) and the color LED (D8) lights. Return C5 to the original circuit and repeat.

Pushing S2 while S1 is on connects the batteries directly to the white LED, and makes the effects of the capacitor difficult to see.

Part B: Replace the slide switch (S1) with the 5.1kΩ resistor (R3) and set the meter to the 0.5mA setting. Now the capacitor charges up very slowly, because the resistor limits its charging current.

Watch the current measured by the meter. Turning on S1 allows electricity to flow from the batteries into capacitor C5, causing the current to increase; but the flow of electricity stops when C5 is fully charged (that is, when all the electrons that can crowd into the capacitor do so). In this way, charging a capacitor is a lot like filling a water tank—you can only push as many electrons/water droplets into them as they can hold.

When S1 is off and you press S2, the electricity that is stored in C5 flows through S2 and lights the white LED. The LED stays lit until C5 is discharged, meaning all the electrons that crowded into the capacitor have dissipated or moved away. Discharging a fully charged capacitor is like opening the valve at the bottom of a full water tank—once the path is cleared, both water and electrons will flow freely.

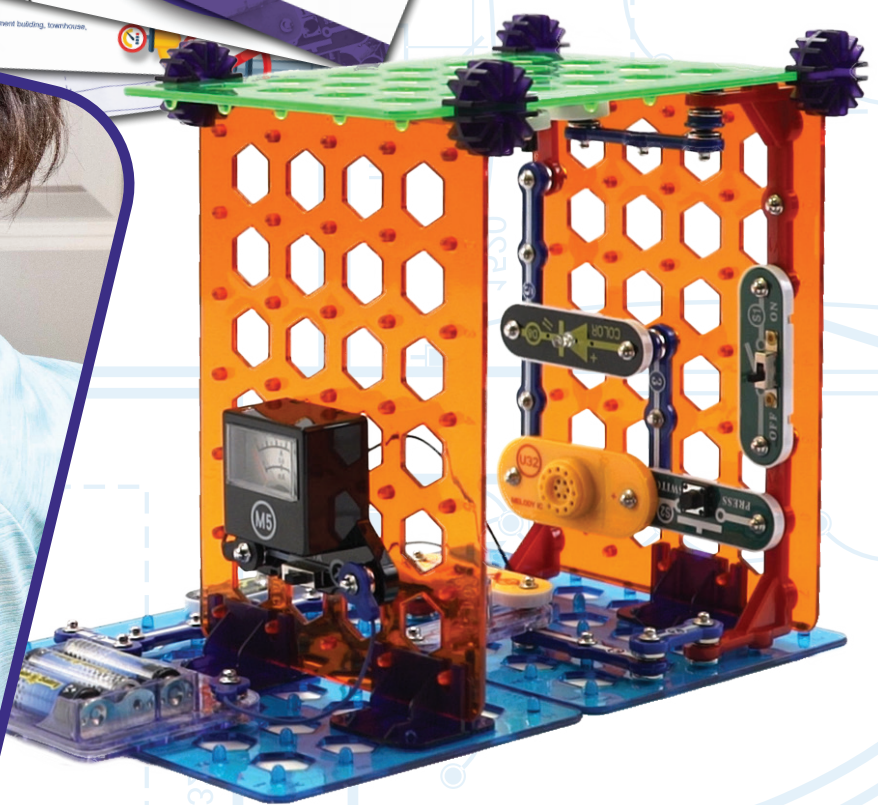
Capacitors like C5 store electricity like tiny rechargeable batteries. Although they can't store as much electricity as batteries, capacitors can store and release electrons much faster than batteries. And, like a battery, a capacitor can store electricity for a long time. To discharge this, once C5 is charged, remove it from the main circuit and place it across the meter containing D8.

Capacitors and rechargeable batteries are used in many devices in your home to store information, like the date or time, when the devices are turned off or when the power goes out in your home.



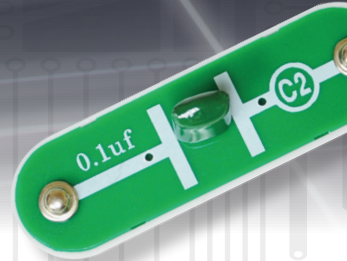
11 ELECTRICITY IN OUR HOME

from your city or from somewhere too.



GREEN ENERGY

EXPLORATION IN ALTERNATIVE ENERGY



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



7 56619 01284 1



8+



DISCOVER CODING

Making Coding a Snap®

SNAP CIRCUITS® DISCOVER CODING Model SCD-303

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



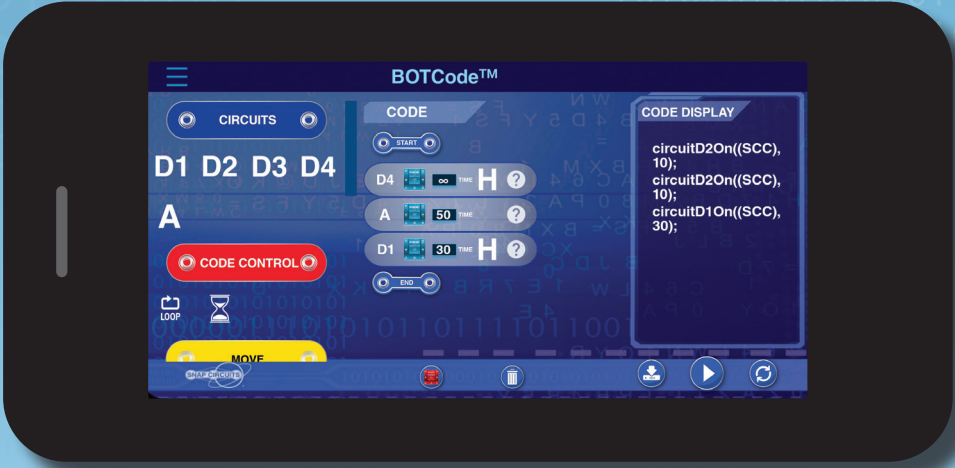
Featuring The Snap Circuits® Coding Module SC Controller Use the Bluetooth® powered module and downloadable snap circuits app for endless coding fun!



LEARN TO CODE



Download the Snap Circuits® App

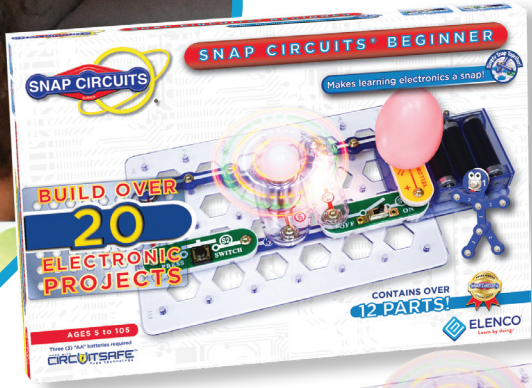


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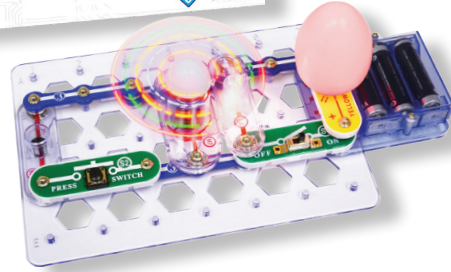


SNAP CIRCUITS® BEGINNER Model SCB-20

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.



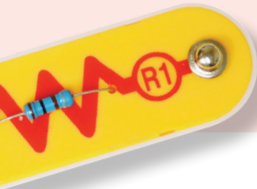
Over 20 Projects
UPC: 756619010861



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
UPC: 756619010847



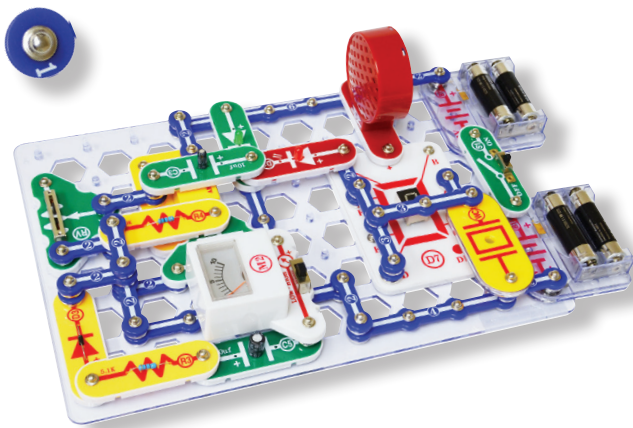


SNAP CIRCUITS® CLASSIC Model SC-300

Our classic Snap Circuits® kit for everyone! Includes all of the projects of the SC100 plus 200 more! Great for an introduction to electricity and for building your skills. Hours of fun and learning. Projects include photosensitive electronic 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

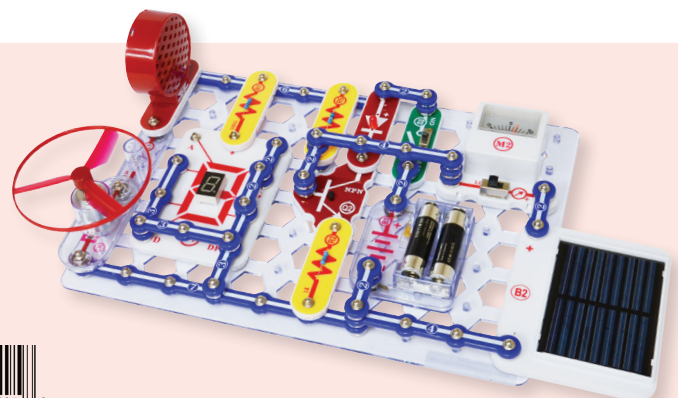


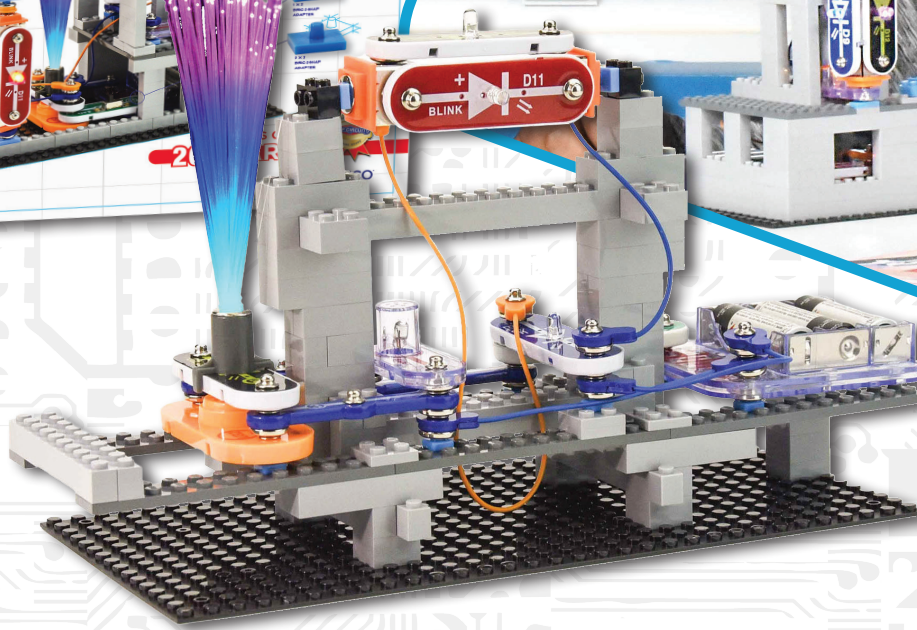
SNAP CIRCUITS® EXTREME Model SC-750

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

Over 750 Projects

UPC: 756619002958





SNAP CIRCUITS® BRIC: STRUCTURES Model SC-BRIC1

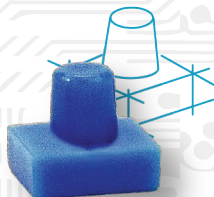
Wire up your brick builds with lights, sounds, and moving parts to invent almost anything and make it go! Use your imagination to combine Snap Circuits® with building bricks to make endless combinations of construction and circuitry. Includes 75 Bric-2-Snap adapters and over 140 fully compatible building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

Over 20 Projects

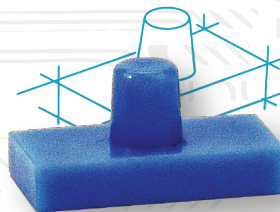
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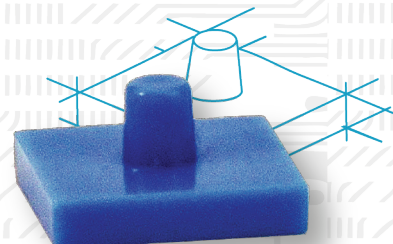
8+



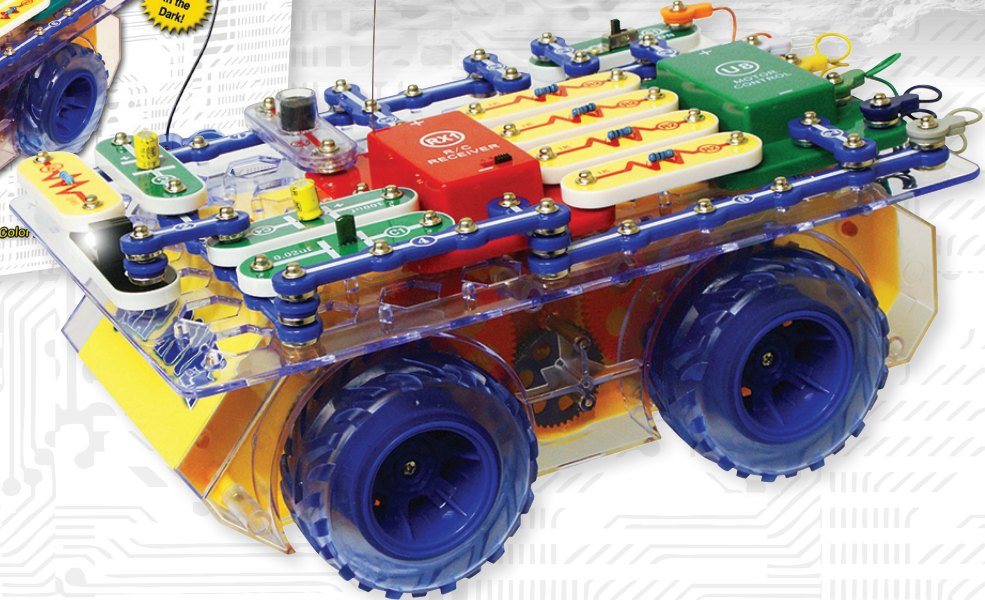
1 x 1
BRIC-2-SNAP
ADAPTER



1 x 2
BRIC-2-SNAP
ADAPTER



2 x 2
BRIC-2-SNAP
ADAPTER



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

UPC: 756619005614



8+





SNAP CIRCUITS® ARCADE Model SCA-200

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 preprogrammed microcontroller.

Over 200 Projects

UPC: 756619010854

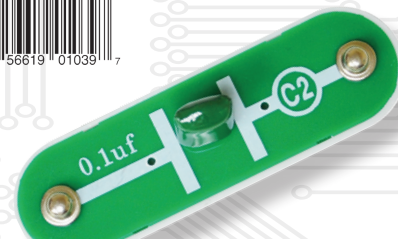


SNAP CIRCUITS® MOTION Model SCM-165

Motion runs our world so know how it works! Experiment with gears ratios using various gears and pulleys. All projects focused on motion and physics.
Includes: color changing lighted fan, air "fountain", motion detector and so much more!

Over 165 Projects

UPC: 756619010397

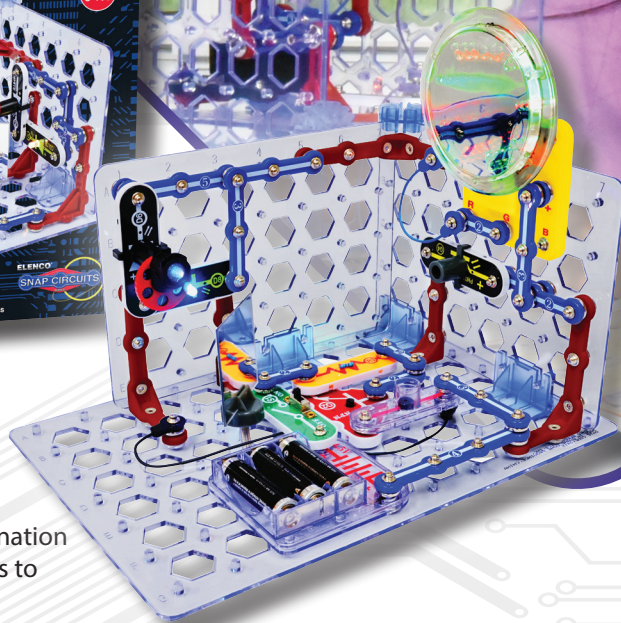




SNAP CIRCUITS® 3D ILLUMINATION Model SC-3Di

Build amazing 3-D circuits with exciting illumination effects. Combine with other Snap Circuits® sets to build even more unique 3-D structures.

Includes: 3-color light tunnel, mirrors & reflecting circuits, magnet & magnetic switch, projector with 6 images, vertical stabilizers, base grid stabilizers & base grid supports.



Over 150 Projects

UPC: 756619011530



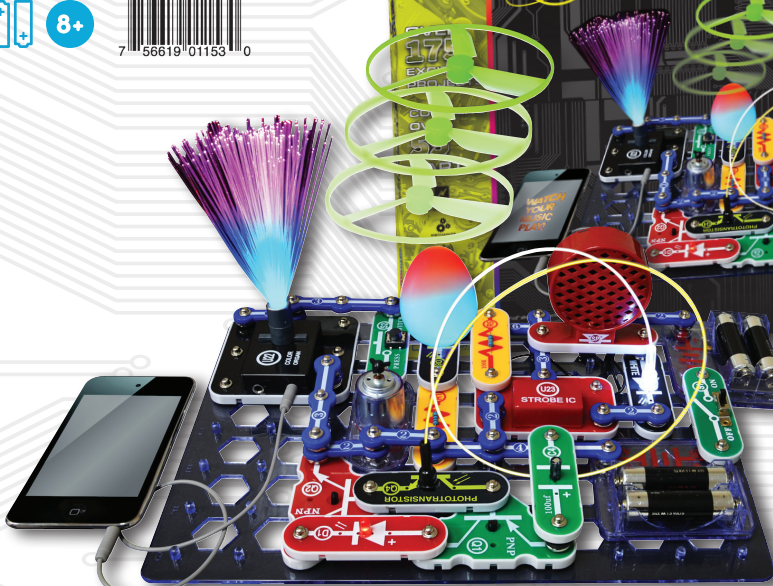
SNAP CIRCUITS® LIGHT Model SCL-175

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 iPhone® or other device, voice or finger, strobe light with spinning patterns that will amaze you with its visual effects.

Over 175 Projects

UPC: 756619009186



Phone not included.





SNAP CIRCUITS® STEM Model SC-STEM1

Sharpen your STEM skills! Learn about magnetic fields, how electricity in your home works, and so much more. Reinforces STEM concepts with fun and creative activities. Educational manual with focus on getting kids excited as they learn.

Over 85 Projects

UPC: 756619011905



8+



SNAPTRICITY® SCBE75

Ever wonder about electricity and magnetism? Learn about magnetic fields, how the electricity in your home works, and how switches control the electricity to the lights in your home.

Over 75 Projects

UPC: 756619006253



8+



SNAP CIRCUITS® BATTERY ELIMINATOR Model AC-SNAP

Works with all models of Snap Circuits® except Snap Rovers

Transformer UL Approved

UPC: 756619005744

8+



SNAP CIRCUITS® BASIC ELECTRICITY Model SCP-10

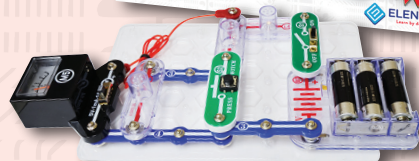
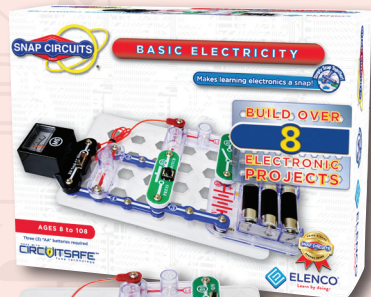
• Learn about basic electricity principles while having fun!

Over 8 Projects

UPC: 756619010205



8+



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

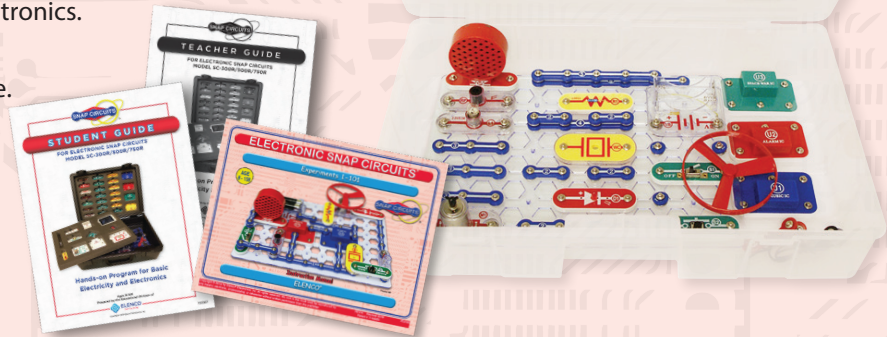
UPC: 756619003283



8+



3



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.

- CI-73 - (software is PC only) Computer interface with 70 extra experiments available.
- Includes two project books, Student Guide, and Teacher Guide.

Over 300 Projects

UPC: 756619003061



8+



1



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 650 Projects

UPC: 756619005621

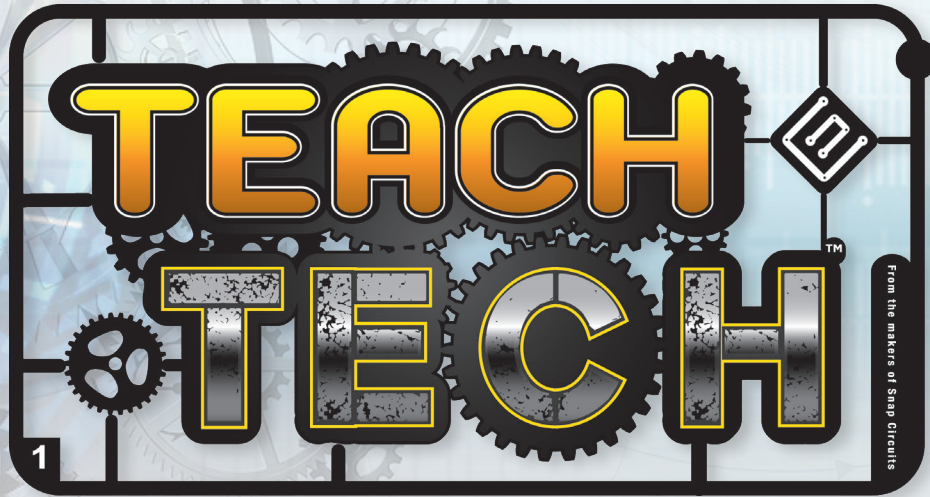


8+



1





INTRODUCING 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
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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.

KC3, Keypad Coding Robot; 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.

Dizzy, 6-in-1 Gyroscope; Meta.4; SolarBot.14; Salt Crusher; 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!

Robotic Arm Wire Controlled; Zivko the Robot; King Lizard Robot; MotoBot.4; HydroBot Arm Kit





MOTOBOT.4
Model TTR-891

MotoBOT.4 brings robotics to life for young engineers. Build and rebuild four different models: Bug, Truck, Tumbler and the angry Robot. Helps develop fine motor skills.

Multiple Builds

- 4 Different Builds
- UPC: 756619012704
- Over 60 Parts

8+ 



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

10+ 



ROBOTIC ARM WIRE CONTROLLED
Model TTR-535

Build and operate your own robot arm! Extensive range of motion though all pivot points. Introduce young engineers to Robotics and Mechanical Engineering. Easy assembly, NO SOLDERING required, just side clippers, a screw driver and a brain.

- Size: 9" L. 6.3" W. 15"H
- UPC: 756619012766
- Over 140 Parts

12+ 



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

10+ 



DOODLER



SHOOTER



SWEEPER

KC3

► KEYPAD CODING ROBOT ◄



Screenless Coding

KC3 KEYPAD CODING ROBOT Model TTC-897

This mission-based, build-it-yourself, Keypad Coding robot is designed with beginner-friendly building and coding. No computer, phone or screen, a must-have for parents looking for screenless learning activities. Build and rebuild into 3 roles: Shooter, Doodler and Sweeper. Use the coding keypad to move the robot in 8 different directions. Advanced coders can set KC3 for more difficult tasks and challenges.

Size: 6" H. 7" L

UPC: 75661901322

Over 150 Parts



8+

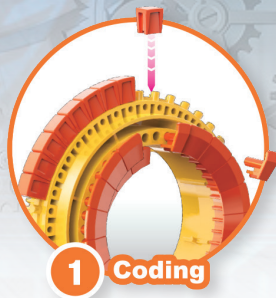


Multiple Builds

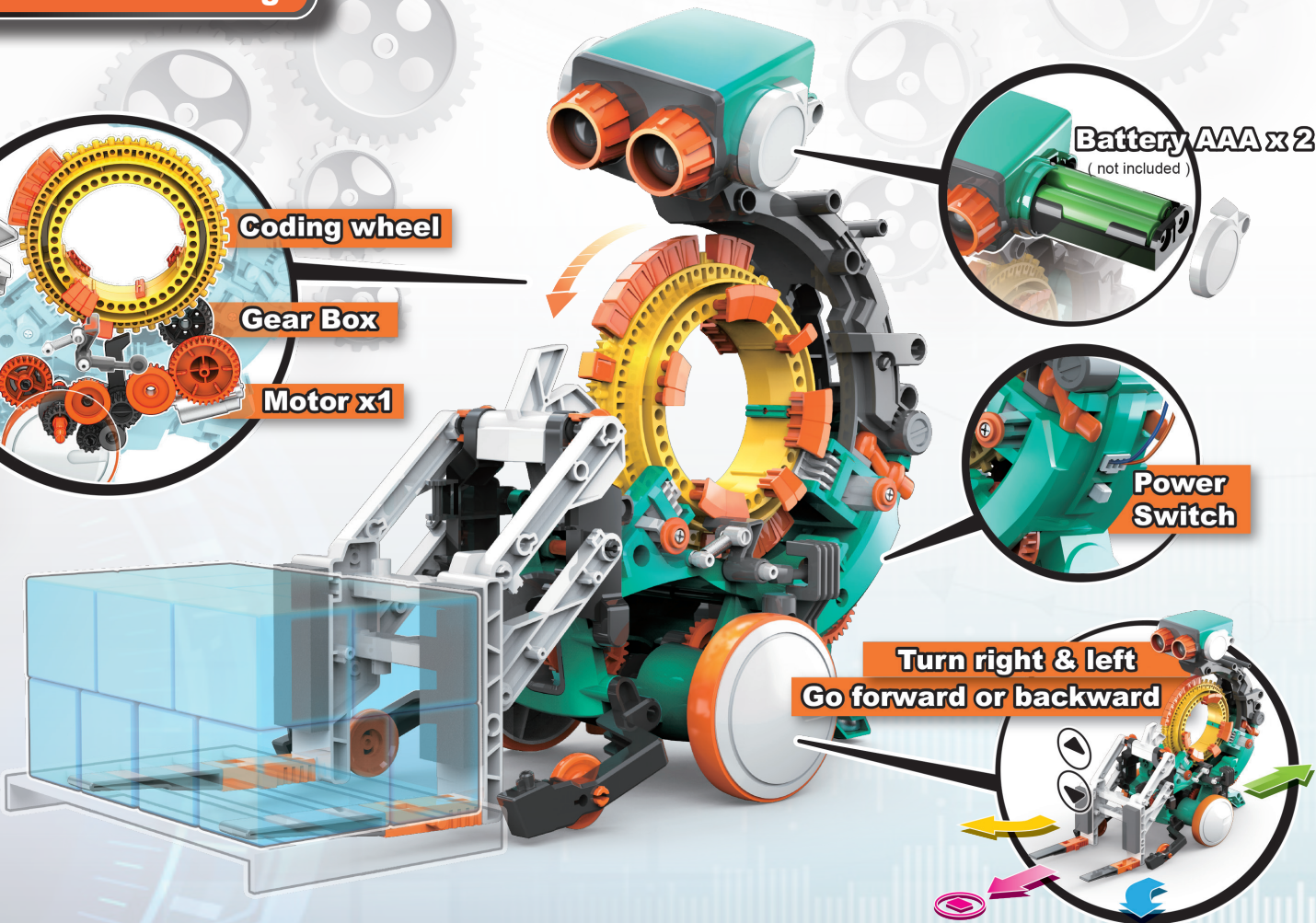
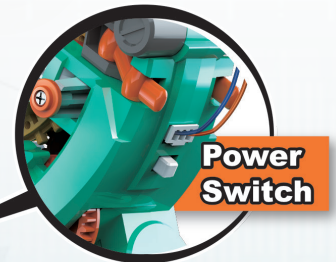
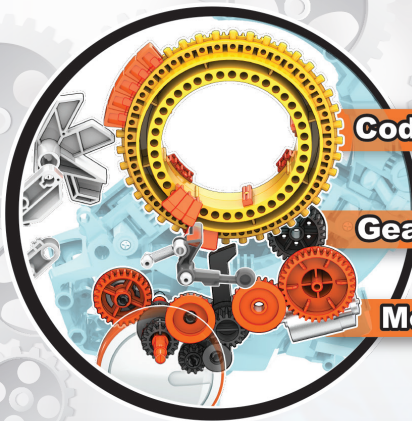


MECH 5

MECHANICAL CODING ROBOT



Screenless Coding



MECH-5 Model TTC-895

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!

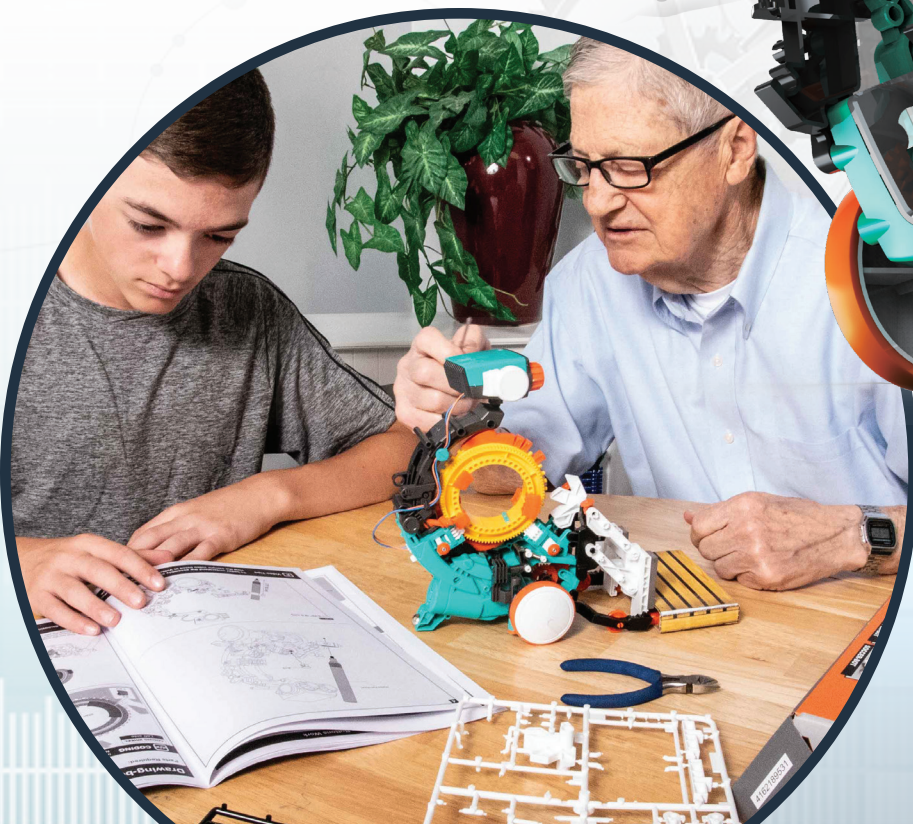
Size: 8" H

UPC: 756619012681

Over 220 Parts



Multiple
Builds





HYDROBOT ARM KIT

Model TTR-632

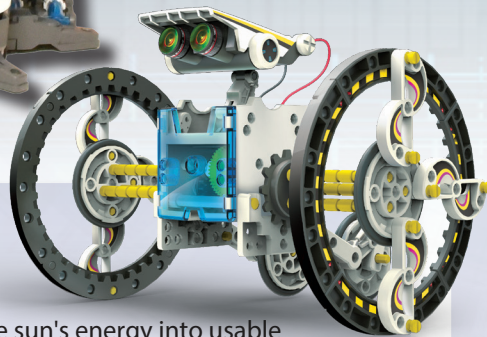
Use levers and the power of hydraulics to activate the multi axis arm. No batteries required. Powered by water, lever controllers have a special braking system that achieve fine, accurate tasks with ease. The gripper can open and close with a maximum 47 mm (1.89 in.) gap, wrist joint rotation of 180 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

12+



SOLARBOT.14

Model TTG-615

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

Multiple Builds

14 Different Builds

UPC: 756619012698

Over 250 Parts

10+



META 4

Model TTG-617

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

8+



SALT CRUSHER

Model TTG-752

Salt Crusher is a great educational science kit powered by salt water. Equipped with four-wheel drive mechanical construction it easily handles different types of terrain by its twisted car body design. The transparent case design allows children to see the rhythm of the piston in vertical or horizontal direction.

Size: 3.5" H. 4.5" L.

UPC: 756619013039

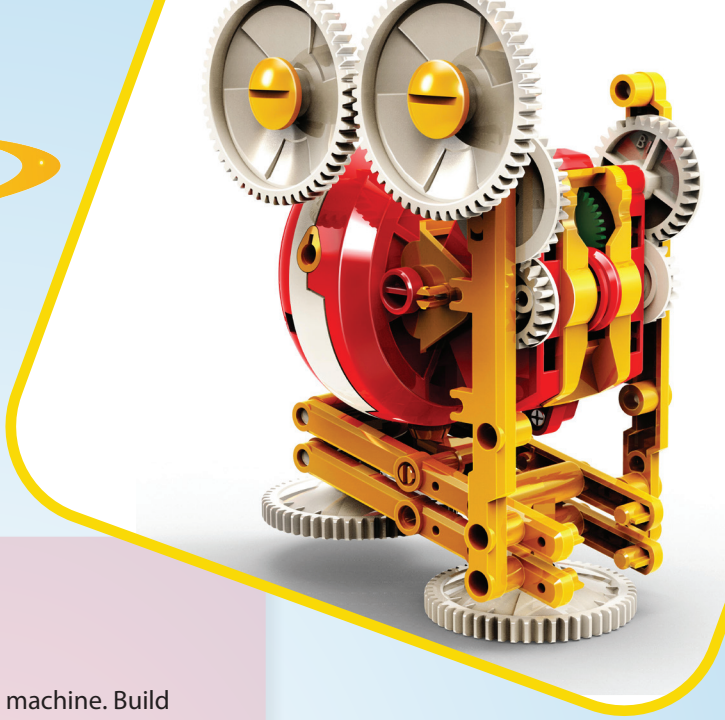
Over 85 Parts

8+



DIZZY

The 6-in-1 GYROSCOPE



DIZZY, THE 6-IN-1 GYROSCOPE

Model TTG-635

Build, rip, play, re-build! Introducing Dizzy, the playful 6-in-1 gyroscopic machine. Build Dizzy, pull the ripcord, and watch him go. No batteries! Learn STEM concepts and basics of gyroscopes, balance, and more. Dizzy can transform into 6 different builds: Stilts, rover, swinging robot, tower spinner, scooter, and roller coaster rider.

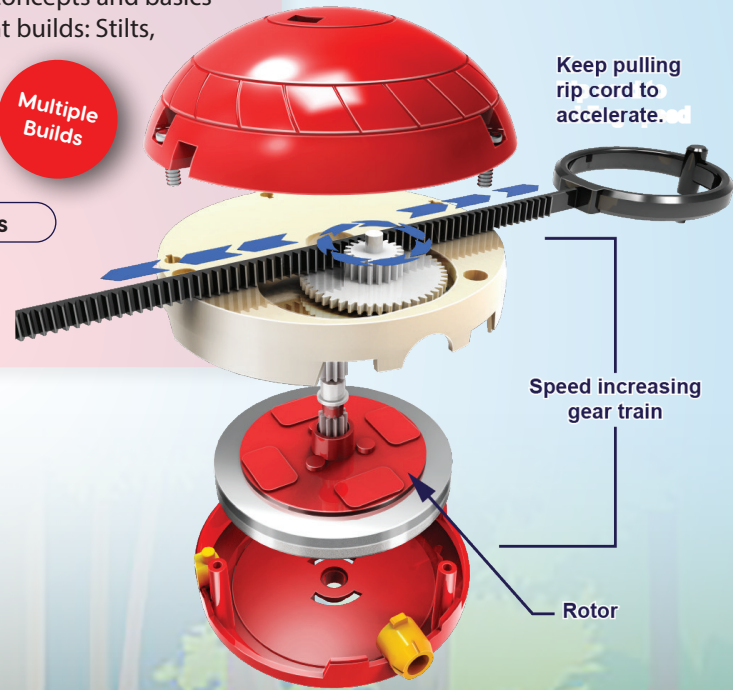
- No Batteries
- Build it yourself.
- Learn STEM concepts and basics of gyroscopes

Size: 9" L. 6.3" W. 15" H UPC: 756619012667 Over 230 Parts

8+



Multiple Builds



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

8+



Smartivity™

Activities for Smarter Learning

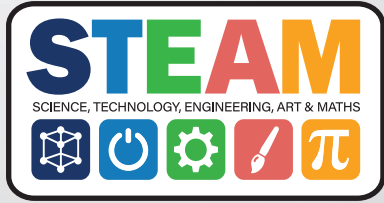
Unleash your imagination with SMARTIVITY® Do-It-Yourself activity kits.

Made from high-quality, re-engineered, laser-cut wood, all SMARTIVITY® 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

SMART



BUILD.PLAY LEARN



SUSTAINABLE MATERIAL
Made with Engineered Wood
Non Toxic. High Quality



Simple & EASY
No Glue or Tools
Required





KALEIDOSCOPE 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.

UPC: 756619013473

6+



HYDRAULIC PLANE LAUNCHER Model SMRT1163

Build a Hydraulic Plane Launcher and use the power of hydraulic pressure to launch paper airplanes. Once built, fill the syringe with water and press the syringe to launch the plane. Includes foldable paper with markings to make different types of planes. Kids can learn how different types of planes have different flight patterns.

UPC: 756619013787

6+





PINBALL MACHINE

Model SMRT1169

Build a fully-functional Pinball Machine. Score points and challenge friends while learning about STEAM concepts.

UPC: 756619013756

8+



GLOBE EXPLORER

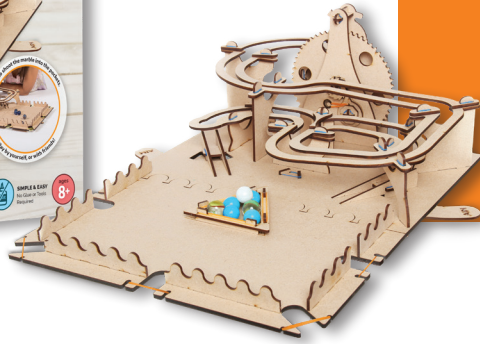
Model SMRT1165

Kids can build a globe and play games to have fun exploring the planet. With augmented reality (AR) features, kids can learn facts about every country, including resources, animals, monuments, geography, and more! Also learn about day and night and how the earth rotates around its axis.

UPC: 756619013763

8+





MARBLE SLIDE Model SMRT1012

A mash-up of marble slide and billiards or pool-table game, this project is loads of fun to build and play.

UPC: 756619013473

8+

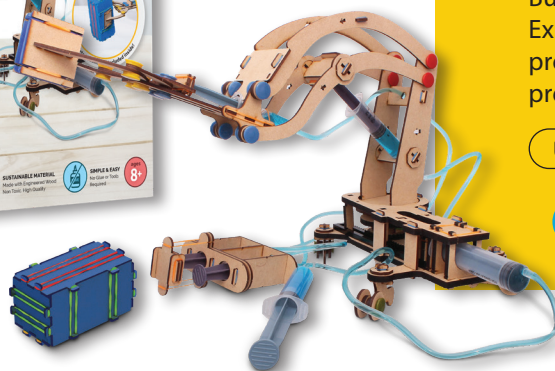


RETROSCOPE Model SMRT1014

Long before film cameras and digital film making were invented, movies were made using moving slides. Build your own movie-making machine and watch your story and moving images come to life.

UPC: 756619013497

8+



HYDRAULIC CRANE Model SMRT1018

Build your own and use the controls to make it move! Explore the wonders of motion, friction, thrust and propulsion! Hydraulic machines use the power of water pressure to carry out specific tasks.

UPC: 756619013510

8+





PERISCOPE Model SMRT1027

Build your own working periscope! A periscope is an instrument for observing over, around, or through an object by using mirrors aligned in a particular pattern so that images are reflected multiple times and carried to the viewer without exposing the viewer.

UPC: 756619013138

6+



CHAIN REACTION Model SMRT1037

Based on the principle of dominoes, once constructed, this game consists of 3 different modules - STRIKE DOWN GAME, SKEEBALL GAME and BOWLING GAME - each is triggered by the colliding domino chain reaction set-up by you!

UPC: 756619013152

8+



MUSIC MACHINE Model SMRT1032

Build a mechanical xylophone! This kit is music to every ear – kids can actually compose their own tunes, too!

UPC: 756619013527

8+





MULTIPLICATION MACHINE

Model SMRT1098

Learn multiplication tables in a different and fun way! This mechanical toy uses a set of pivoting links to show the multiplication product of 2 numbers.

UPC: 756619013060

6+



TORQUE BUSTERS

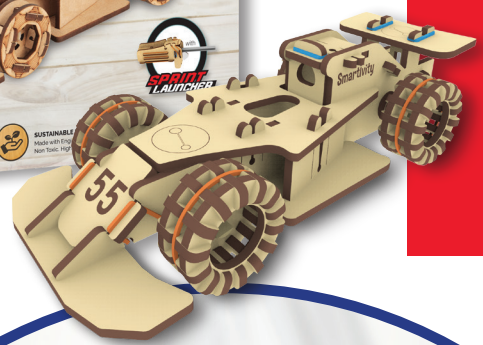
Model SMRT1117

Take adrenaline rush to the next level with 4 awesomely cool car designs to build and play with. Make some space in your garage for your Torque Busters collection!

UPC: 756619013145

6+





SPEEDSTER Model SMRT1109

Build your own car, load it into the launcher and watch it zoom!

UPC: 756619013121

6+



ROVERBOT Model SMRT1112

Rover Bot mixes the thrill of a rover with the excitement of a robot, all while learning concepts such as projectiles, elasticity, wind-up mechanisms, and gear mechanisms.

UPC: 756619013084

6+





INVENTOR 12 MODELS INDUSTRIAL Model ENG-1234

Bring out the inventor in your child! The 12-in-1 INDUSTRIAL models contain a snowplow, excavator, bobcat and two dump trucks.

- 124 Parts
- UPC: 756619011387
- 12 Models



INVENTOR 50 MODELS MOTORIZED Model ENG-5030

Unleash your imagination with 50-in-1 MOTORIZED models! Build the fast models of Formula, Dragster, two types of Racers or the aerodynamic FunnyCar. For easy riding, try the large Chopper and Custom Chopper models, the Harley or the Knuckle Head and the Low Rider style bikes.

- 158 Parts
- UPC: 756619011400
- 50 Models



INVENTOR[®] girl

INVENTOR GIRL 10 MODEL

Model: ENG-IG10

Get creative! Get kids interested in construction and engineering by combining imaginative play with 3D model creation. Ten different models to build and play.

76 Parts

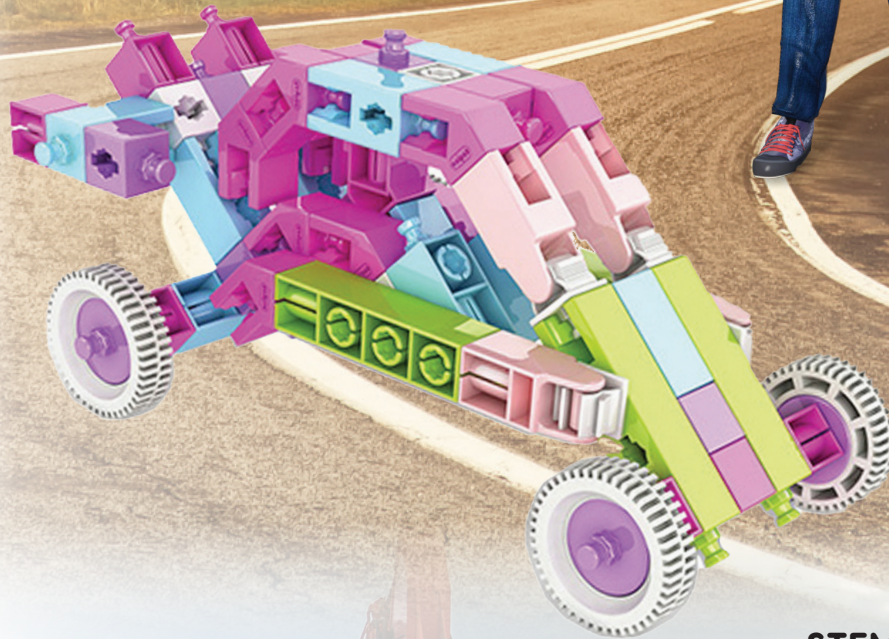
UPC: 756619012049

10 Models

6+



7 56619 01204 9



STEM SIMPLE MACHINES

Model ENG-STEM40

Explore the world of engineering with simple machines! Build 60 working models and learn about levers, wedges, gears, linkages, wheels, axles, screws, pulleys, cams, cranks, and inclines planes!

197 Parts

UPC: 756619011493

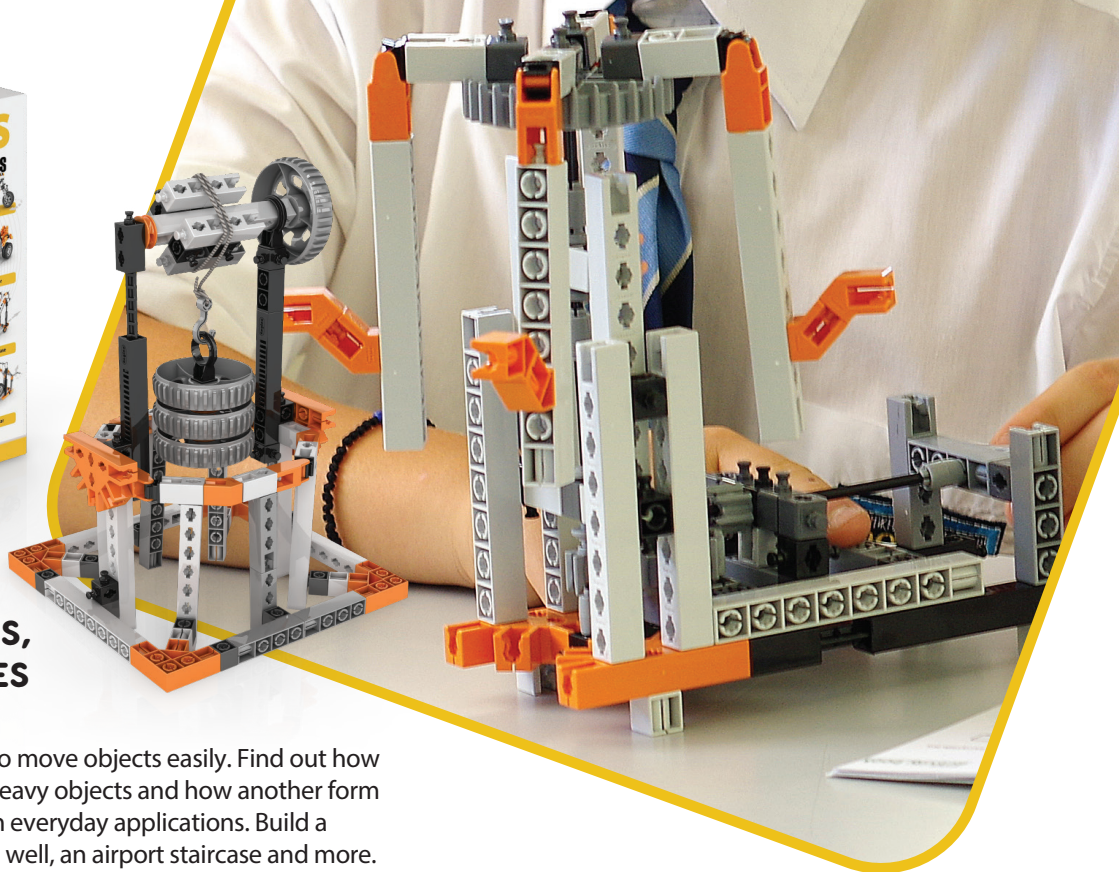
60 Models

8+



7 56619 01149 3





STEM MECHANICS WHEELS, AXLES, & INCLINED PLANES

Model ENG-STEM02

Learn how wheels and axles use friction to move objects easily. Find out how an Inclined Plane can be used for lifting heavy objects and how another form of an inclined plane, the wedge, is used in everyday applications. Build a launching platform, a door with a knob, a well, an airport staircase and more.

134 Parts

UPC: 756619011431

14 Models

8+



STEM MECHANICS LEVERS & LINKAGES

Model ENG-STEM01

Use levers for increasing an applied force or changing the direction of motion. Connect levers together and learn how these linkages can be applied to various machines.

106 Parts

UPC: 756619011424

16 Models

8+



STEM MECHANICS GEARS & WORM DRIVES

Model ENG-STEM05

Learn how Gears can easily reduce or increase speed, change force. Discover how Worm Drives are used to greatly reduce rotational speed and how screws convert rotational motion to linear, while increasing force. Build 12 working models such as an experimental crane, a gearbox, a carousel, a helicopter, a screw press and more!

151 Parts

UPC: 756619011462

12 Models

8+





STEM ROBOTIC ERP MINI EDITION Model ENG-STEM60

Designed for younger students with modern principles of STEM learning. With ERP intellectual development is approached as an upward expanding spiral in which students must constantly reconstruct the ideas formed at earlier levels with new, higher order concepts acquired at the next level.

50 Parts

UPC: 756619011523

10 Models



8+



STEM NEWTON'S LAWS Model ENG-STEM07

Isaac Newton's laws of motion together in one kit. Conduct experiments and discover force, motion, mass, acceleration, and fundamental properties of energy. Build 8 working models such as a ballistic catapult, a gravity fan, a collision car, a moving cabin, and more!

121 Parts

UPC: 756619011486

8 Models

8+



STEM HOW CARS WORK Model ENG-STEM23

Cars, or automobiles, are probably the most common way for transporting humans and goods. With this kit, kids can learn what the basic parts of a car are and how they work, which physical laws car engineers need to know, what is mechanical advantage and much more!

140 Parts

UPC: 756619013459

10 Models

8+



STEM HOW AIRCRAFTS WORK Model ENG-STEM24

The development of aviation is considered one of the highlights in human history, since it has totally changed the way, we travel around the Earth. Want to become a pilot or learn how helicopters fly? Learn all this and more with this STEM kit, while building and experimenting with models!

139 Parts

UPC: 756619013442

10 Models

8+





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



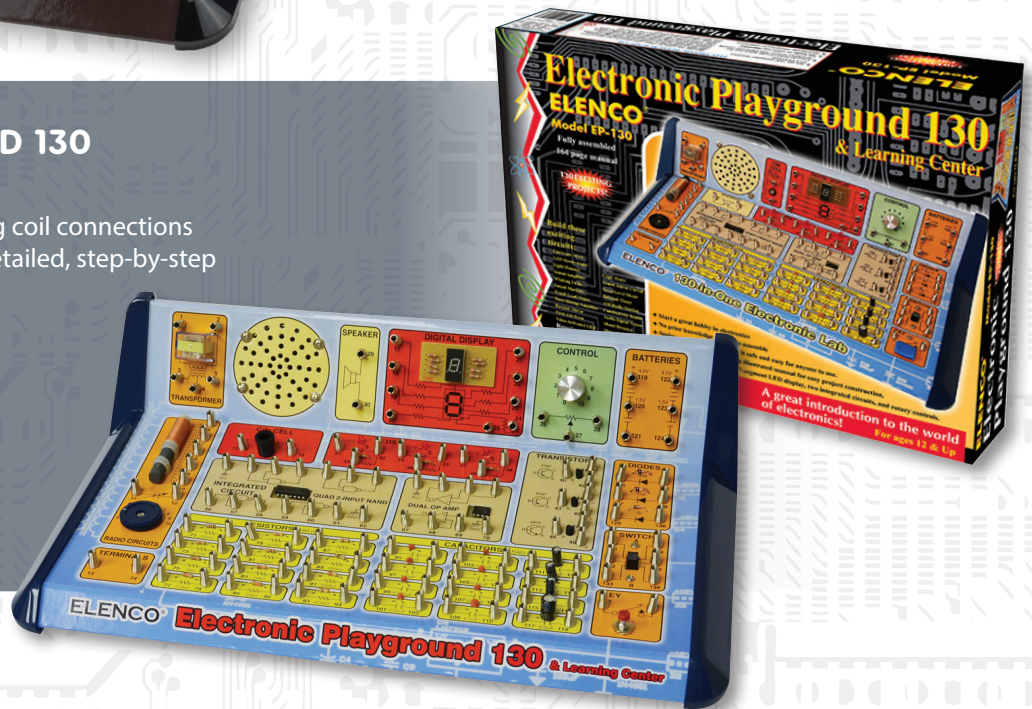
ELECTRONIC PLAYGROUND 130 Model EP-130

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

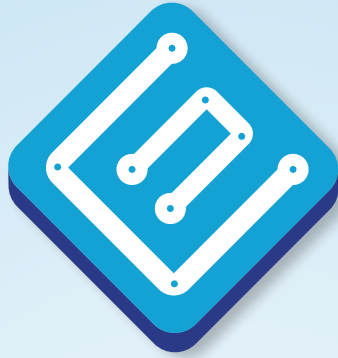
A very interesting sound detecting robot kit. The four built-in microphones detect the sound source and the robot turns and moves towards it. Just clap and the robot will come to you. Clap again from another position, and the robot will turn and move in that direction.

Spring Hook-Up

UPC: 756619006277

Over 45 Projects





ELENCO[®]

Learn by doing.[®]

Our Story

We didn't start out in the toy business, but we've always been in education. In fact, our first products were convergence generators built by engineers for television repairmen, and our first customer was an education provider. While our focus today is to bring fun into learning about electronics, one thing hasn't changed: We still love engineering. That's why our toys will never follow the latest trend or fashion. We think engaging minds in the excitement of building a real electronic device or a real working machine —no matter how simple—will never go out of style. We still produce quality electronic instruments and test equipment, and we remain dedicated to creating affordable, safe and easy to use, educational toys that allow kids of all ages to use both sides of their brains and above all else, to Learn by doing[®].



Keep going for
soldering and
electronics kits!



LED MAGNIFYING LAMP WITH THIRD HAND
Model ZD-10Y

Need a hand? The magnifying lamp with integrated third hand lights up your work areas and is equipped with a magnifying glass. Ideal for working on small PC boards, components, soldering, and more! Includes soldering iron stand, alligator clips, soldering wire spool holder, sponge, rosin, and cleaning ball, to help with soldering.

UPC: 756619010670





SAFETY GOGGLES

Model WMSG20

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

13+



UPC: 756619011585



SILVER SOLDER

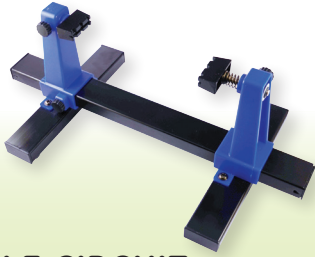
Model WMSIL3

Rosin core, 0.031" diameter 96% tin, 4% silver. Three meter length. 11 g.

13+



UPC: 756619011363



ADJUSTABLE CIRCUIT BOARD HOLDER

Model ZD11E

Adjustable project clamp rotates 360 degrees. Secure it in position & make your projects and soldering easier

13+



UPC: 756619011042



SOLDERING IRON STAND

Model SH-1

Heavy-duty holder with sponge.

13+



UPC: 756619005126



25W SOLDERING IRON

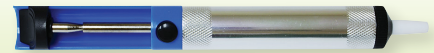
Model WMSI200

25 watt Pencil soldering iron with stand.

13+



UPC: 756619011608



DESOLDERING PUMP ANTI-STATIC

Model WMSP4

Deluxe, high-vacuum pump. Anti-static tip.

13+



UPC: 756619011554



HELPING HAND MAGNIFYING GLASS

Model HH-55

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

13+



UPC: 756619005164



WE makeTM
TOOLS FOR MAKERS

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



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

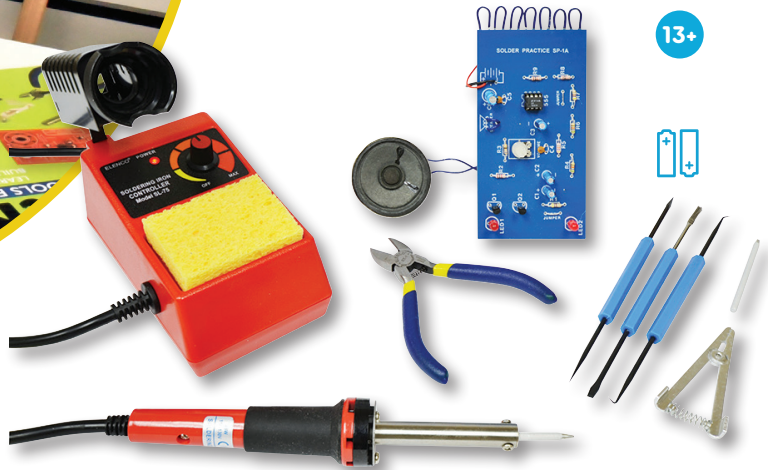
Model SK-175

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

UPC: 756619008127

13+



HANDS-ON BASIC ELECTRONICS KIT

Model SKM-250

Learn soldering techniques while working on state-of-the-art printed circuit board circuits. Learn the basics of digital multimeters and circuit troubleshooting.

UPC: 756619008202

13+



SOLDER PRACTICE KIT WITH IRON & CUTTERS

Model AK-100

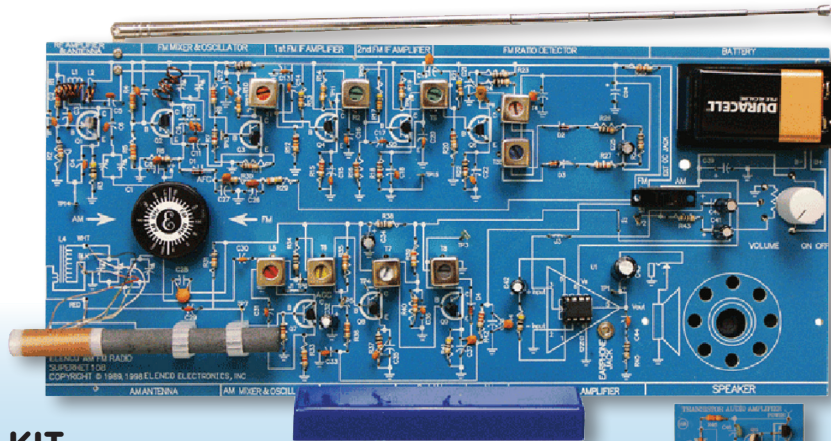
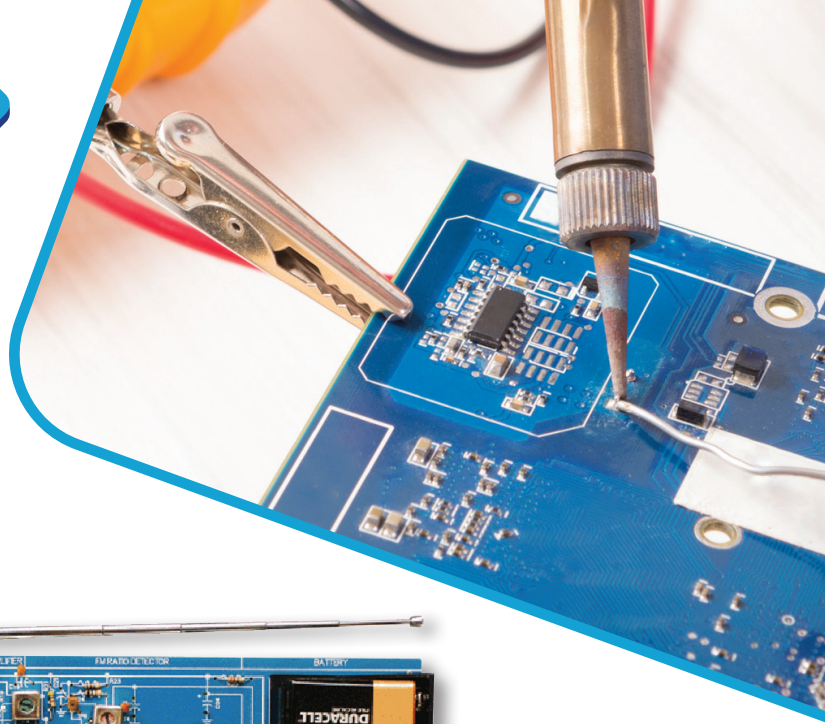
Great for beginners! After practicing your soldering techniques on the special area of the board, you're be ready to assemble this European siren with flashing LEDs. This kit also includes a soldering iron and wire cutters.

UPC: 756619910000

13+



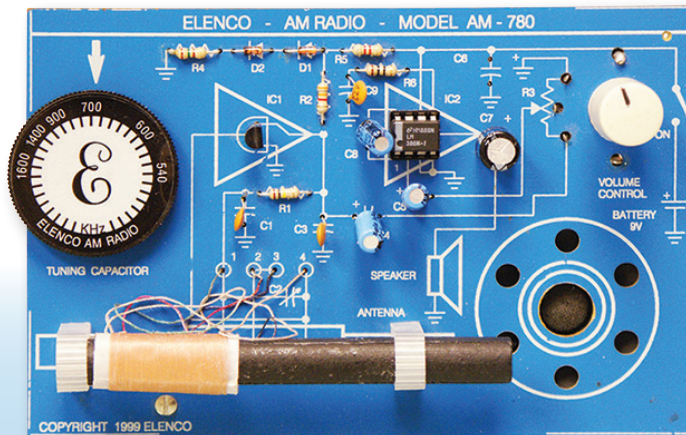
Soldering Kits



AM/FM RADIO KIT Model AMFM108CK

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



TWO IC AM RADIO KIT Model AM-780K

Easy-to-Build complete radio on one PC board. Unique design 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



SOLDERING STATION Model SL-75

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

UPC: 756619006673

13+



VARIABLE VOLTAGE POWER SUPPLY KIT Model XP-15K

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

UPC: 756619000374

13+





Over 200 Pieces

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!

UPC: 756619003535

13+



HOOK-UP WIRE KIT Model WK-103

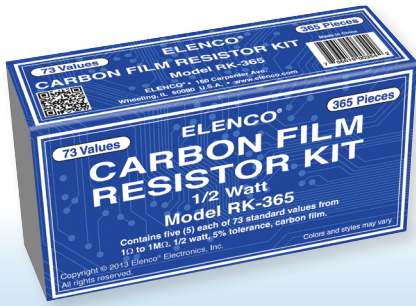
Contains three 25 ft. spools of #22 gauge solid wire - Red, yellow, and black in a dispenser box.

3 Pieces

UPC: 756619009391

13+





1/2W CARBON FILM RESISTOR KIT
Model RK-365

Contains 73 standard values 1Ω to 1MΩ - 1/2 watt, 5% tolerance, carbon film.

365 Pieces
UPC: 756619009704

13+



DIODE KIT
Model DIOK80

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

80 Pieces
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.

80 Pieces
UPC: 756619008585

13+



CAPACITOR KIT
Model CAPK100

Contains ceramic disc, mylar, and electrolytic capacitors.

100 Pieces
UPC: 756619008424

13+



HOOK-UP WIRE KIT
Model WK-106

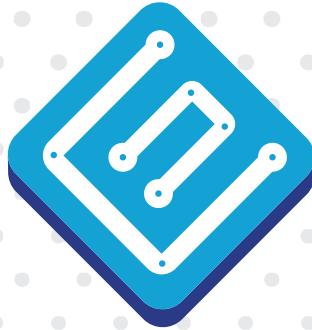
Contains six 25 ft. spools of #22 gauge solid wire - red, yellow, black, white, green, and blue in a dispenser box.

6 Pieces
UPC: 756619009407

13+



"The best way to learn is by doing"
-Gil Cecchin, Founder of Elenco Electronics



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