

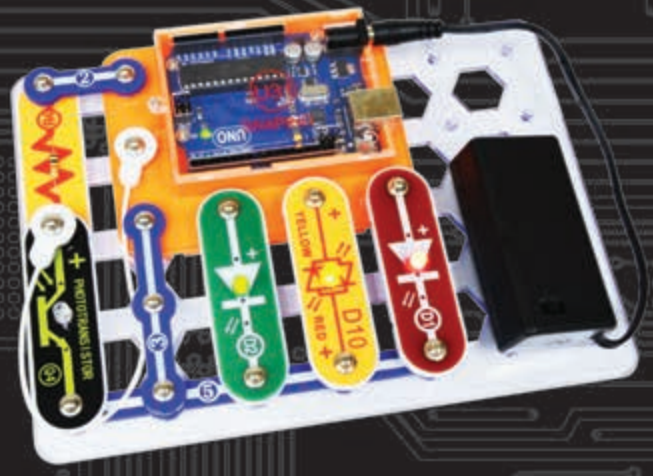
the World of Educational Toys • Discover the World of Educational Toys

• Discover the World of Educational Toys • Discover

ELENCO®

LEADER OF INNOVATIVE TOYS
AND
EDUCATIONAL PRODUCTS

Catalog #38



the World of Educational Toys • Discover the World of Educational Toys

• Discover the World of Educational Toys • Discover



For more than 40 years, Elenco®, a family owned and operated business, has maintained the same proud heritage we still embrace today...

Offering innovative and educationally based toys focused on broadening scientific knowledge, discovery of the world at large, and promoting creative thinking.

Our motto

"Learn by Doing®"

inspires, motivates, and challenges boys and girls

- of all ages -

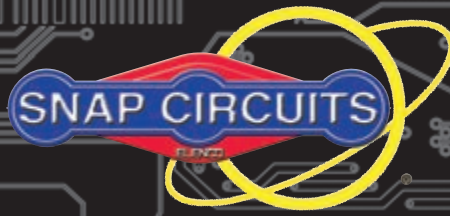
to solve problems and practice real-life skills.

Imagine the possibilities!

ELENCO®

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New from



Snap Circuits®



Snapino™

MAKING CODING A SNAP

Model SC-SNAPINO

Snapino is an introduction to the open source Arduino Hardware-Software environment. Learn to code and utilize your Snap Circuits modules at the same time!

- A great general introduction to Coding and the Arduino platform
- Arduino is a microcontroller used in robotics and other applications
- Learn coding basics with this kit and then further expand into the Arduino world using other Snap Circuit kits!



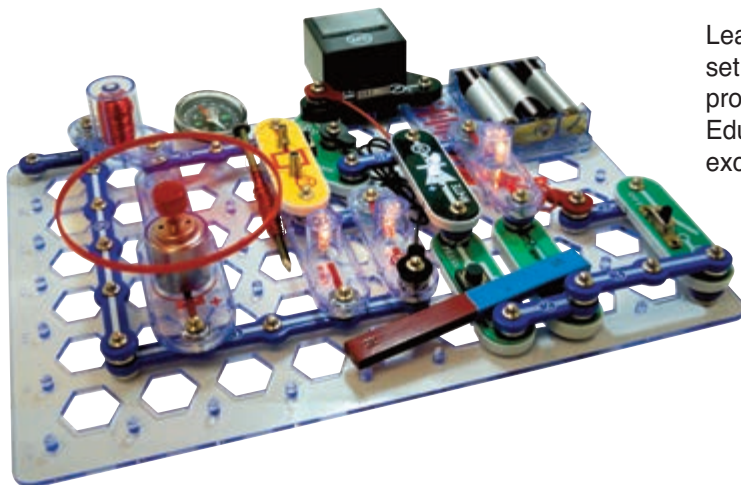
WARNING: CHOKING HAZARD
Small parts. Not for children under 3 years.

Ages 12 & up

Item #	UPC #	Case Pack
SCSNAPINO	756619011851	6 / 12 Box



Model SC-STEM1



Learn about electricity & magnetism & how they relate. A terrific set for those who desire to learn, understand and conduct projects with emphasis on simple electricity and magnetism. Educational manual with focus on STEM and getting kids excited as they learn.

Includes

- Lamps
- Motor
- Relay
- LED
- Meter
- Magnet & Magnetic switch
- 2 electromagnets including one you build & Much More

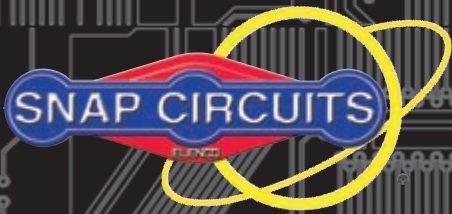
This product is MAPP Enforced, for more details on the MAPP program see the back of the catalog.

Item #	UPC #	Case Pack
SC-STEM	756619011905	12 / Box



Ages 8 & up

WARNING: CHOKING HAZARD
Small parts. Not for children under 3 years.



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. No tools required. Uses "AA" batteries, for ages 8 & up.

NEW

3D M.E.G.

MAGNETICS - ELECTRONICS - GEARS

Ages 8 & up

Model SC-3DMEG



Snap Circuits 3D M.E.G. is a new kit with fun and focus on "Magnetics" "Electronics" "Gears". Build over 160 projects with the over 60 included parts.

- New parts include 3D Rotating Snaps, 2-sided base grid with thru-snaps, rotating mirror ball, gears, special LEDs, melody IC, magnet switch and so much more.
- NEW features include Rotating LED Lights, Fiber Optic Tree, Rotating Mirror Ball, Ceiling Fan and more!
- Includes bonus circuit projects for users and owners of 3D Illumination to build bigger and better structures!

This product is MAPP Enforced, for more details on the MAPP program see the back of the catalog.

WARNING: CHOKING HAZARD
Small parts. Not for children under 3 years.

Item #	UPC #	Case Pack
SC-3DMEG	756619011912	12 / Box

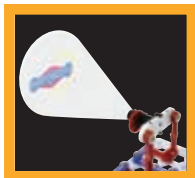


Snap Circuits®

3D ILLUMINATION

Model SC-3Di

Taking Snap Circuits® to a whole new dimension UP...OUT...and OVER! Build over 150 projects or combine with other Snap Circuits® sets to build even more unique structures.



Projector



Lined Lens



Light Tunnel

- Exciting light effects
- 3-color light tunnel
- Projector with 6 cool images
- Mirrors and reflecting circuits
- Comes with over 50 parts
- With new parts like the vertical stabilizer, base grid stabilizer, and base grid support, you can build amazing 3D structures!

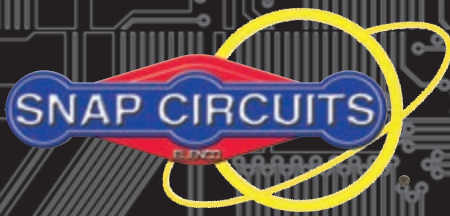


WARNING: CHOKING HAZARD
Small parts. Not for children under 3 years.

Ages 8 & up



Item #	UPC #	Case Pack
SC-3Di	756619011530	6 / Box

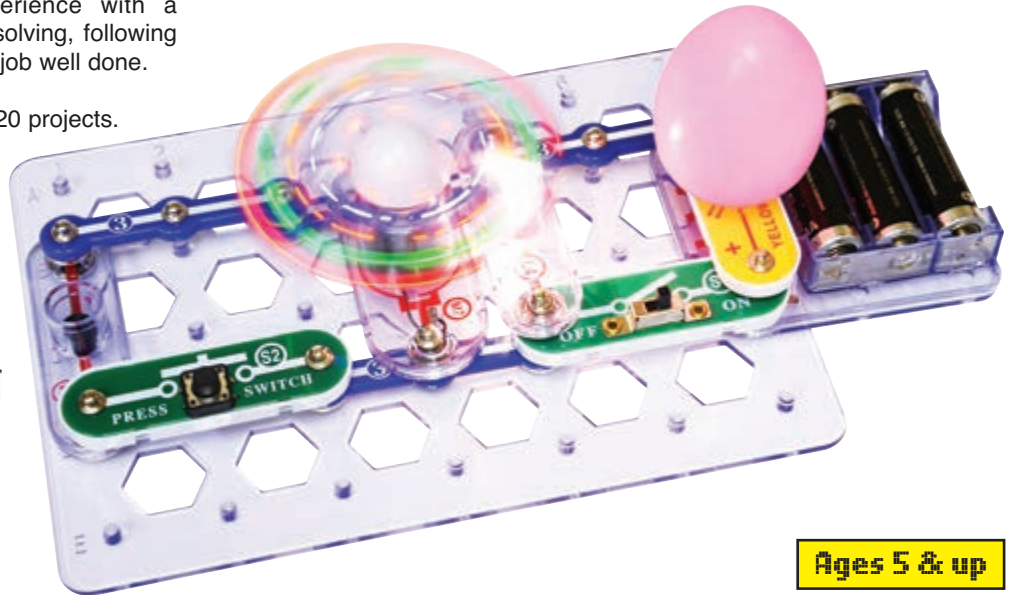


Elenco's Snap Circuits® makes learning electronics easy and fun! Just follow the colorful pictures in our manual and build exciting projects, such as FM radios, digital voice recorders, AM radios, burglar alarms, doorbells, and much more! You can even play electronic games with your friends. All parts are mounted on plastic modules and snap together with ease. Enjoy hours of educational fun while learning about electronics. No tools required. Uses "AA" batteries, for ages 8 & up.

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.

- The included 14 parts build over 20 projects.
- Extra safety features for younger engineers, 5 and up.
- Easy-to-follow color manual diagramed like no other Snap Circuits® Kit.



Ages 5 & up



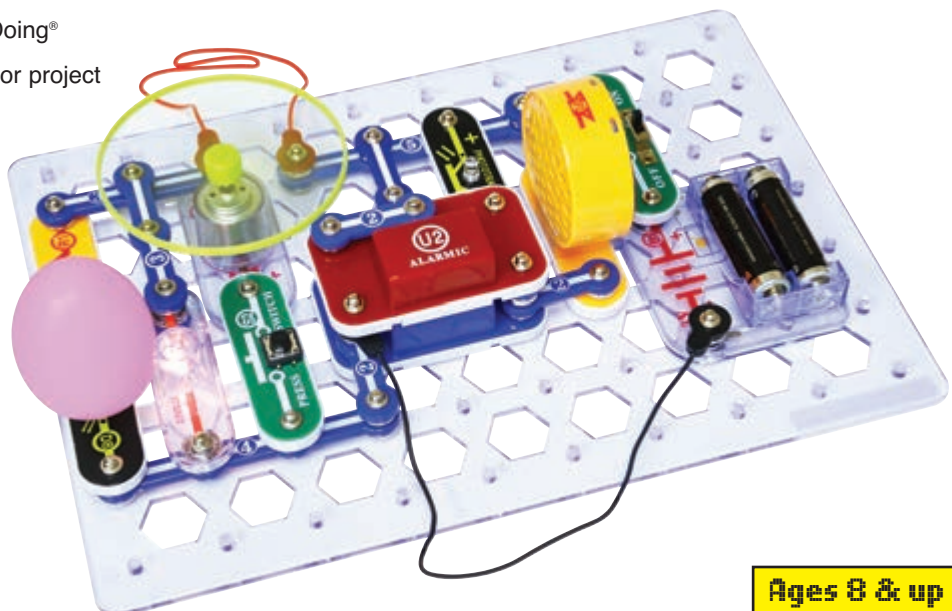
WARNING: CHOKING HAZARD
Small parts. Not for children
under 3 years.



Item #	UPC #	Case Pack
SCB-20	756619010861	6/12 / Box

Snap Circuits® Jr. Select Model SC-130

- With Snap Circuits® - YOU Learn by Doing®
- 133 projects clearly outlined in the color project manual.
- Projects utilize a glow-in-the-dark flying propeller, phototransistor, LEDs, resistors, ICs, a DC motor and much more.
- No Soldering - No Tools - It's a Snap.
- MAPP enforced. See back of catalog for details.



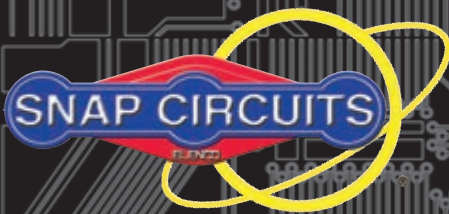
Ages 8 & up



WARNING: CHOKING HAZARD
Small parts. Not for children
under 3 years.



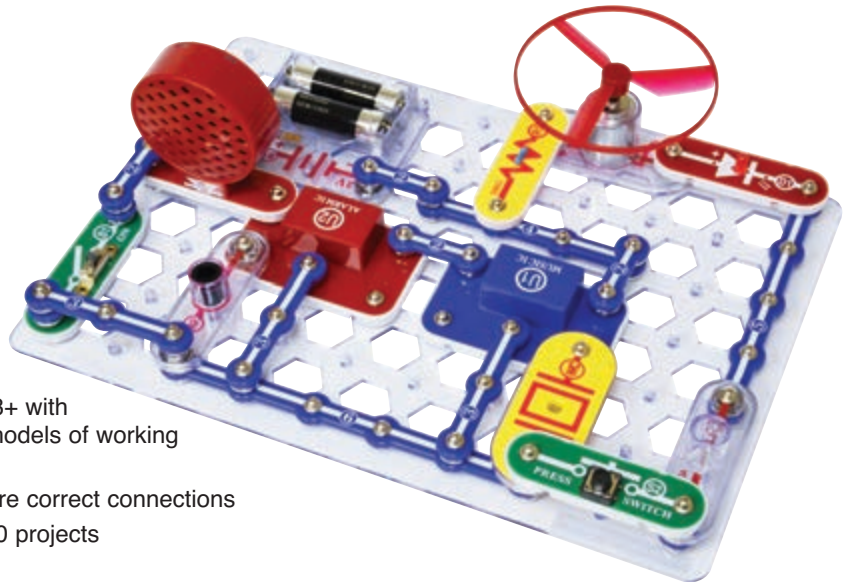
Item #	UPC #	Case Pack
SC-130	756619010847	12 / Box



The following warning pertains to all products on this page: WARNING: CHOKING HAZARD Small parts. Not for children under 3 years.

Ages 8 & up

Snap Circuits® Jr. Model SC-100

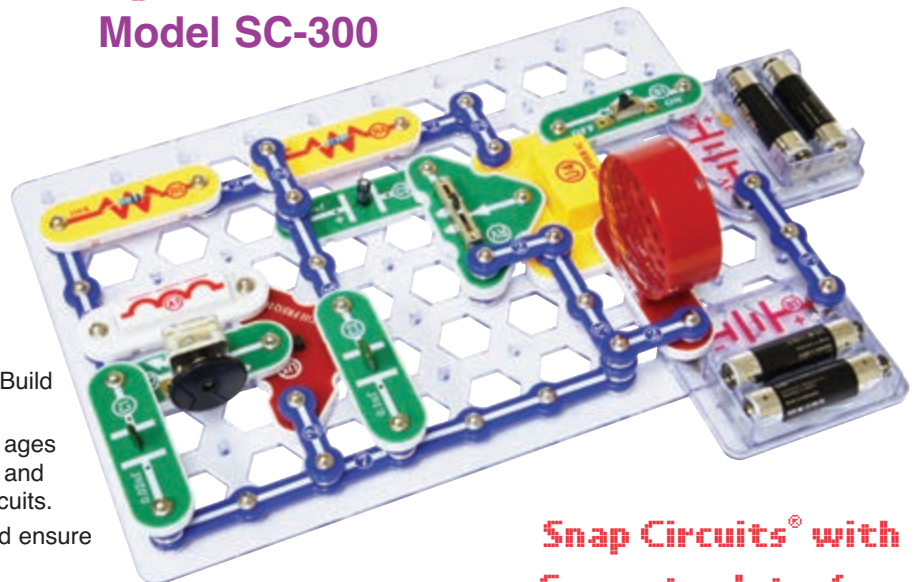


- Electrical components provide students ages 8+ with hands-on experience designing and building models of working electrical circuits.
- Snap-together parts require no tools and ensure correct connections
- Includes 30 parts, and instructions for over 100 projects
- Requires 2 "AA" batteries (sold separately)
- Clear and concise illustrated manual included and available online

Item #	UPC #	Case Pack
SC-100	756619002415	12 / Box



Snap Circuits® Model SC-300



- Contains over 60 Snap-Together parts. Build over 300 exciting projects.
- Electrical components provide students ages 8+ with hands-on experience designing and building models of working electrical circuits.
- Snap-together parts require no tools and ensure correct connections.
- Requires 4 "AA" batteries (sold separately)
- Clear and concise illustrated manual included and available online.

Item #	UPC #	Case Pack
SC-300	756619002187	6 / Box
SC-300S	756619002811	6 / Box

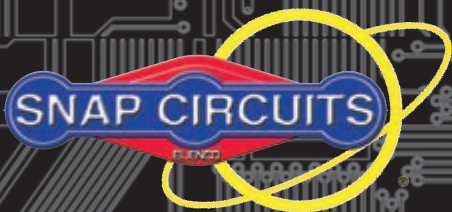


Snap Circuits® with Computer Interface

Model SC-300S - Same as SC-300, but contains 73 computer interfaced experiments.



Snap Circuits®



The following warning pertains to all products on this page: **WARNING: CHOKING HAZARD**
Small parts. Not for children under 3 years.

Ages 8 & up

Snap Circuits®

Snap Circuits® Pro Model SC-500



- Contains over 75 snap-together parts. Build over 500 exciting projects.
- Electrical components provide students ages 8+ with hands-on experience designing and building models of working electrical circuits.
- Snap-together parts require no tools and ensure correct connections.
- Requires 4 "AA" batteries (sold separately)
- Clear and concise illustrated manual included and available online

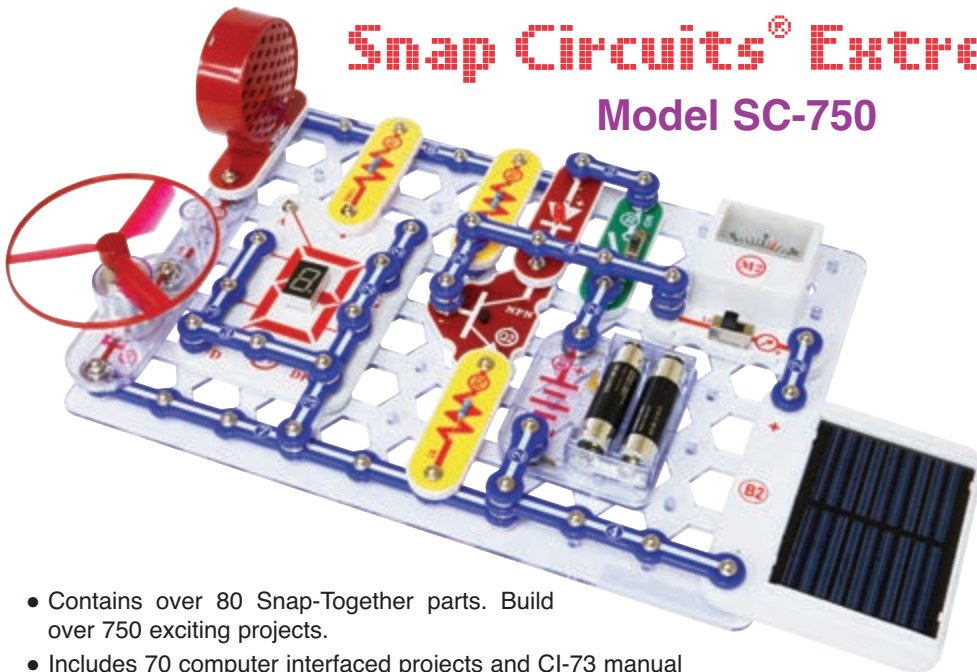
**Snap Circuits® Pro
with Computer Interface
Model SC-500S** - Same as SC-500,
but contains 73 computer interfaced
experiments.



Item #	UPC #	Case Pack
SC-500	756619002590	6 / Box
SC-500S	756619003054	6 / Box



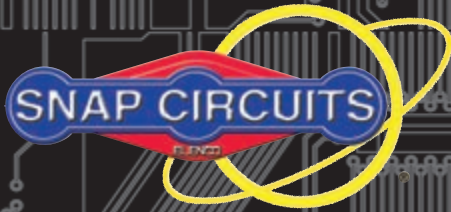
Snap Circuits® Extreme Model SC-750



- Contains over 80 Snap-Together parts. Build over 750 exciting projects.
- Includes 70 computer interfaced projects and CI-73 manual
- Electrical components provide students ages 8+ with hands-on experience designing and building models of working electrical circuits.
- Snap-together parts require no tools and ensure correct connections.
- Requires 4 "AA" batteries (sold separately)
- Clear and concise illustrated manual included and available online

Item #	UPC #	Case Pack
SC-750	756619002958	3 / Box





Featured Sets

The following warning pertains to all products on this page:
 WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

SNAP CIRCUITS®

ARCADE

Model SCA-200



Snap Circuits® Arcade is an exciting introduction to problem solving, following directions, and the satisfaction of a job well done.

- 30 Snap Modules included to complete more than 200 projects.
- Enjoy completing projects using a programmable Word Fan, Dual LED Display and a pre-programmed Micro-Controller.
- Clear and concise Illustrated Manual includes explanations for different Snap Modules and concepts needed to build Arcade projects.



Item #	UPC #	Case Pack
SCA-200	756619010854	6 / Box

SNAP CIRCUITS®

MOTION

Model SCM-165

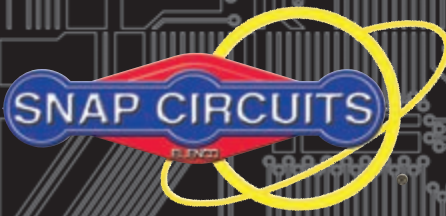


- Over 50 parts and over 165 projects to complete; all motion and physics focused.
- Experiment with gears ratios using various gears and pulleys.
- Gain valuable lessons in assembly and following instructions.
- Project manual includes large color illustrations and simple directions for projects.



Item #	UPC #	Case Pack
SCM-165	756619010397	6 / Box





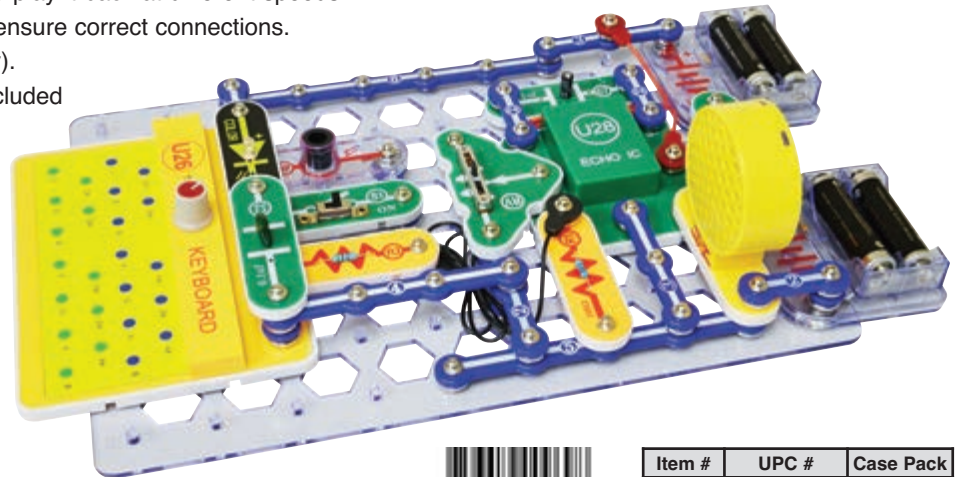
The following warning pertains to all products on this page: **WARNING: CHOKING HAZARD**
Small parts. Not for children under 3 years.

Ages 8 & up

SNAP CIRCUITS[®] SOUND

Model SCS-185

- Contains over 40 Snap-Together parts. Build over 185 exciting projects.
- Connect the unit to your smart phone and analyze sounds with downloadable apps.
- Voice changer; Record voice or music and play it back at different speeds.
- Snap-together parts require no tools and ensure correct connections.
- Requires 4 "AA" batteries (sold separately).
- Clear and concise illustrated manual included and available online.

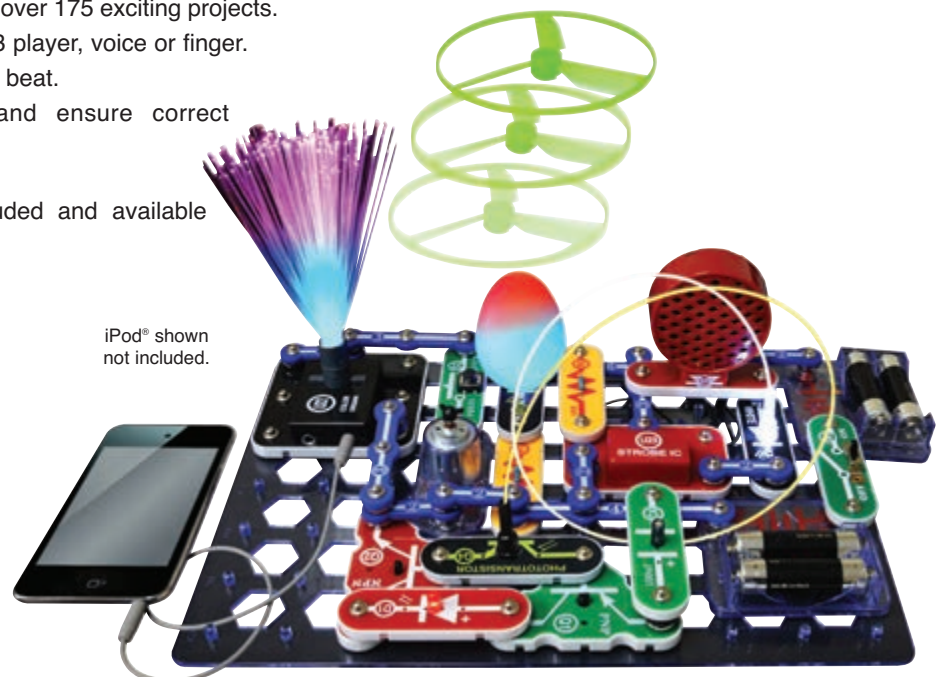


Item #	UPC #	Case Pack
SCS-185	756619009698	6 / Box

SNAP CIRCUITS[®] LIGHT

Model SCL-175

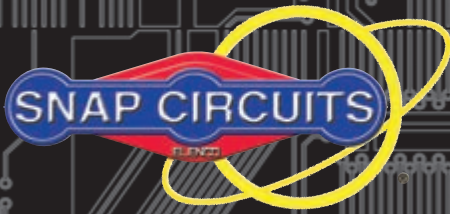
- Contains over 55 Snap-Together parts. Build over 175 exciting projects.
- Color organ controlled by iPod[®] or other MP3 player, voice or finger.
- Enjoy your music as the lights change to the beat.
- Snap-together parts require no tools and ensure correct connections.
- Requires 4 "AA" batteries (sold separately)
- Clear and concise illustrated manual included and available online.



iPod[®] shown not included.

Item #	UPC #	Case Pack
SCL-175	756619009186	6 / Box





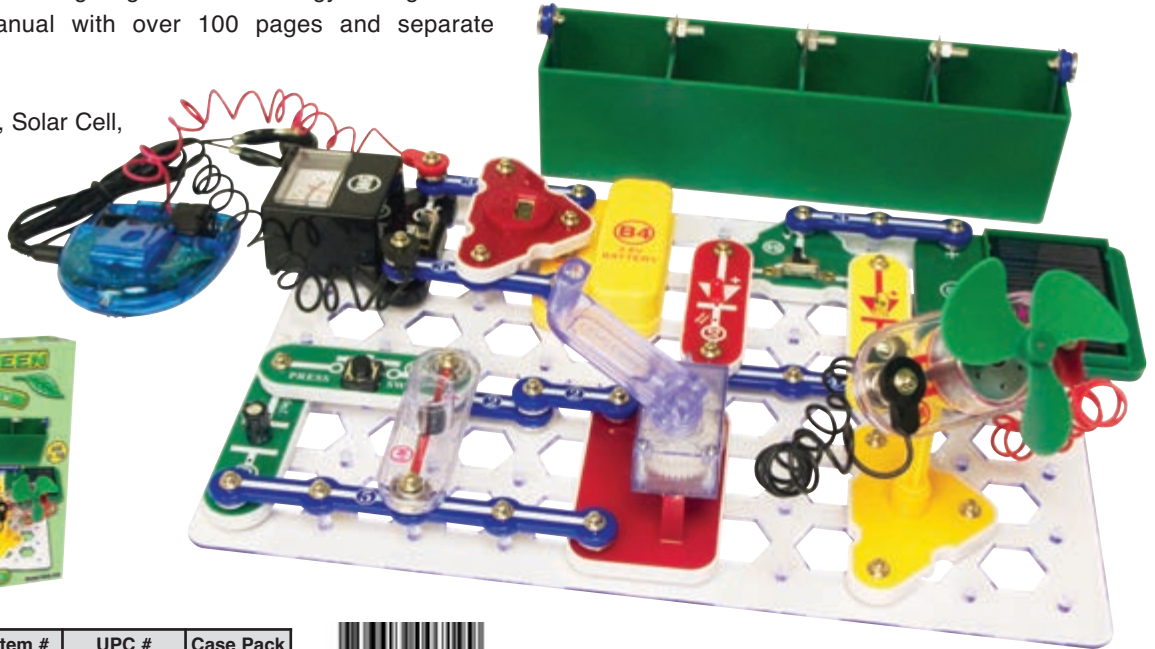
The following warning pertains to all products on this page: WARNING: CHOKING HAZARD Small parts. Not for children under 3 years.

Ages 8 & up

SNAP CIRCUITS® GREEN

Alternative Energy Kit Model SCG-125

- Learn about “Green Energy” options.
- Build over 125 projects investigating alternative energy strategies.
- Includes full-color manual with over 100 pages and separate educational manual.
- Contains over 40 parts
- Features: Hand Crank, Solar Cell, FM Radio, Energy Compartment, Rechargeable Battery, Windmill, Clock Analog Meter.



Item #	UPC #	Case Pack
SCG-125	756619007199	6 / Box



SNAPTRICITY®

Model SCBE-75

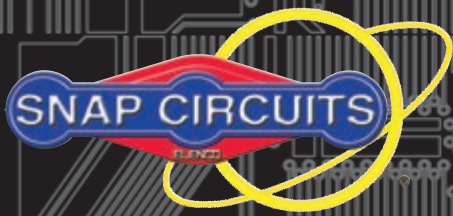
- Learn how electricity and magnetism can be used to make each other.
- Educational toy: projects that relate to electricity in the home and magnetism and how it is used.
- Includes: meter, electromagnet, motor, lamps, switches, fan, compass, and electrodes.
- Build over 75 projects
- Contains over 40 parts
- Requires 3 “AA” batteries (sold separately).



Item #	UPC #	Case Pack
SCBE-75	756619006253	12 / Box



Snap Circuits®



Snap Rovers & Combo Kit

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
 Small parts. Not for children under 3 years.

Ages 8 & up

Deluxe Snap Rover®

Model SCROV-50



Introducing the next generation of the RC Snap Rover®! Over 50 parts allow you to complete over 60 additional projects. Requires one (1) 9V and six (6) "AA" batteries.

Item #	UPC #	Case Pack
SCROV-50	756619006352	4 / Box



Snap Circuits®

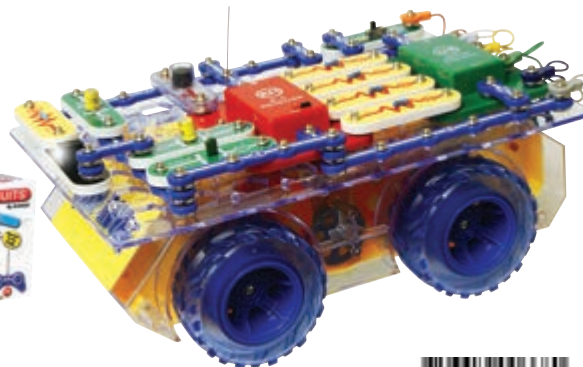
RC Snap Rover®

Model SCROV-10

Have FUN building your own RC Snap Rover® using the colorful Snap Circuits® parts that snap together with ease. Guide your Snap Rover® with the easy-to-use remote control. Requires one (1) 9V and six (6) "AA" batteries.

The following warning pertains to models SCROV-10 and UC-90.

Item #	UPC #	Case Pack
SCROV-10	756619005614	6 / Box
UC-90	756619006680	5 / Box



Deluxe Snap Rover® Upgrade Kit Model UC-90

Upgrade your Snap Rover® to a Deluxe Snap Rover®!



Includes the disc launcher, parts, and manual for over 40 new projects.



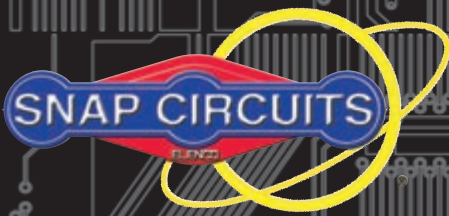
Sound & Light Combo

Model SCC-350

- Build over 350 projects
- Contains over 65 parts
- Color changing LED
- MAPP* See back of catalog for details



Item #	UPC #	Case Pack
SCC-350	756619010434	3 / Box



Mini Kits

All products on this page are MAPP Enforced, for more details on the MAPP program see the back of the catalog.

The following warning pertains to all products on this page: **WARNING: CHOKING HAZARD** Small parts. Not for children under 3 years.

Ages 8 & up

Flying Saucer Plus

Model SCP-09



- Press and release the switch and watch the saucer rise into the air!
- 14 projects
- Requires three (3) "AA" batteries



Item #	UPC #	Case Pack
SCP-09	756619010199	6/24 / Box

Basic Electricity

Model SCP-10

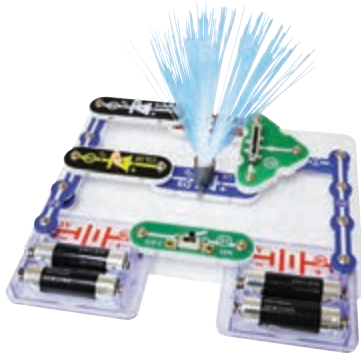
- Learn about basic electricity principles while having fun!
- 9 projects
- Requires three (3) "AA" batteries



Item #	UPC #	Case Pack
SCP-10	756619010205	6/24 / Box

LED Fun

Model SCP-11



- Create your own colorful light show!
- 11 projects
- Requires four (4) "AA" batteries

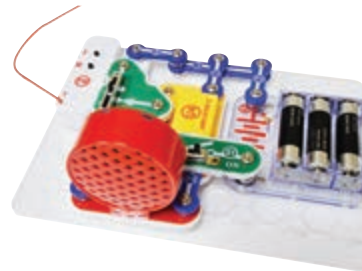


Item #	UPC #	Case Pack
SCP-11	756619010212	6/24 / Box

FM Radio

Model SCP-12

- Build an FM radio that really works!
- 4 projects
- Requires three (3) "AA" batteries



Item #	UPC #	Case Pack
SCP-12	756619010229	6/24 / Box

Motion Detector

Model SCP-13

- When motion is detected, a laser sound is emitted and the color LED flashes.
- 12 projects
- Requires three (3) "AA" batteries

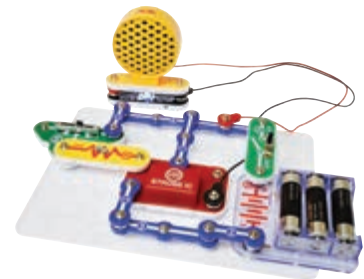


Item #	UPC #	Case Pack
SCP-13	756619010236	6/24 / Box

Strobe Light & Sound

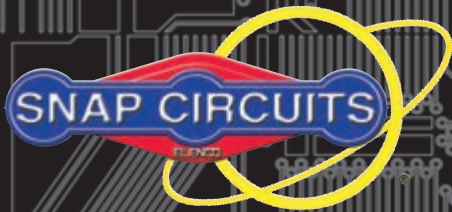
Model SCP-14

- Adjustable-speed strobe light with sound effects.
- 14 projects
- Requires three (3) "AA" batteries



Item #	UPC #	Case Pack
SCP-14	756619010243	6/24 / Box

Snap Circuits®



Upgrades & Parts

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Custom Storage Case Model SNAPCASE7

Heavy duty plastic case with 2 custom foam inserts for housing your Snap Circuits® parts. Also includes a separate small case to hold the smaller loose parts.



Item #	UPC #	Case Pack
SNAPCASE7	756619005461	3 / Box

Computer Interface for Snap Circuits® Model CI-73

The CI-73 allows the SC-300 or SC-500 set to interface with a computer! With this module, you will learn about and use an oscilloscope and spectrum analyzer, as you build over 73 BONUS PROJECTS using your Windows-based PC (32 projects require the SC-500). Comes with all of the interface parts you need and the software. Great for introducing electronics through a computer. Acts as a scope and allows you to see the signals in the circuit.

Included FREE with SC-750!



Item #	UPC #	Case Pack
CI-73	756619005607	6 / Box

Snap Circuits® Battery Eliminator Model AC-SNAP

Works with all models of Snap Circuits®.



Approved



Item #	UPC #	Case Pack
AC-SNAP	756619005744	16/48 Box

UC-30 Upgrade Kit

Converts SC-100 Snap Circuits® Jr. into SC-300 Snap Circuits®
 includes 30 new parts (AM radio components, transistors, ICs, capacitors, resistors, and more) and 200 projects!



Item #	UPC #	Case Pack
UC-30	756619002897	20 / Box



UC-40 Upgrade Kit

Converts SC-100 Snap Circuits® Jr. into SC-500 Snap Circuits® Pro
 includes 42 new parts, AM/FM radio, recorder, meter & more, and 400 projects!



Item #	UPC #	Case Pack
UC-40	756619003023	5 / Box



UC-50 Upgrade Kit

Converts SC-300 Snap Circuits® into SC-500 Snap Circuits® Pro
 includes 12 new parts (recording IC, transformer, FM radio, meter, & more) and 200 projects!



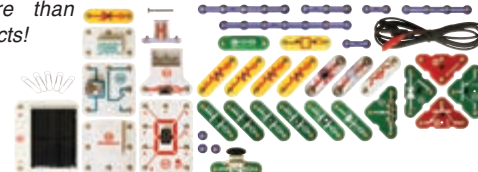
Item #	UPC #	Case Pack
UC-50	756619002903	20 / Box



UC-60 Upgrade Kit

Converts SC-100 Snap Circuits® Jr. into SC-750 Snap Circuits® Extreme

includes 49 new parts, CI-73 computer interface, solar panel, and more than 650 projects!



Item #	UPC #	Case Pack
UC-60	756619005324	5 / Box



UC-70 Upgrade Kit

Converts SC-300 Snap Circuits® into SC-750 Snap Circuits® Extreme
 includes 19 new parts, CI-73 computer interface, solar panel, and more than 450 projects!

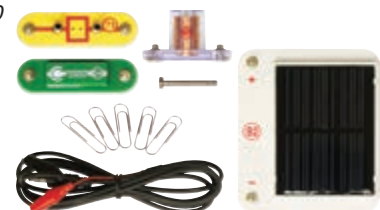


Item #	UPC #	Case Pack
UC-70	756619005331	5 / Box



UC-80 Upgrade Kit

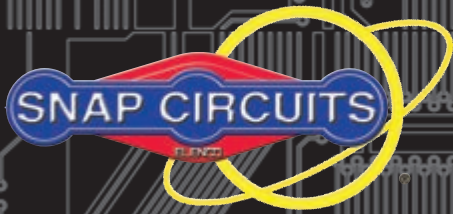
Converts SC-500 Snap Circuits® Pro into SC-750 Snap Circuits® Extreme
 includes 7 new parts, CI-73 computer interface, solar panel, and more than 250 projects.



Item #	UPC #	Case Pack
UC-80	756619005348	20 / Box



Snap Circuits®



Educational Series

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Training Program

Model SC-750R *Includes Student Guides*

The Model **SC-750R** is an in-depth exploration of the electronic components included with the SC-750 Snap Circuits® Extreme. Ideal for use in home schooling, middle schools and high schools, where students will grasp the basic principles of electronics.

The **Student Guide** for the **SC-750R** includes 138 pages of educational curriculum. Written with the help of educators, the Student Guide is essential in covering all topics related to electricity and electronics being taught in middle schools and above. Includes real world applications and problem solving quizzes.

The **Teacher Guide** is meant to prepare educators for proper introduction of Snap Circuits® and guide them through each chapter with quizzes for students to test their knowledge.

Requires four (4) "AA" batteries.

Item #	UPC #	Case Pack
SC-750R	756619005621	3 / Box



Snap Circuits®

Training Program

Model SC-500R *Includes Student Guides*

The Model **SC-500R** is an in-depth exploration of the electronic components included with the **SC-500** Snap Circuits® Pro. Ideal for use in home schooling, middle schools and high schools, where students will grasp the basic principles of electronics.

The **Student Guide** for the **SC-500R** includes 108 pages of educational curriculum. Written with the help of educators, the Student Guide is essential in covering all topics related to electricity and electronics being taught in middle schools and above. Includes real world applications and problem solving quizzes.

The **Teacher Guide** is meant to prepare educators for proper introduction of Snap Circuits® and guide them through each chapter with quizzes for students to test their knowledge.

Requires four (4) "AA" batteries.



Item #	UPC #	Case Pack
SC-500R	756619003078	3 / Box



Training Program

Model SC-300R *Includes Student Guide*

The Model **SC-300R** is an in-depth exploration of the electronic components included with the **SC-300** Snap Circuits®. Ideal for use in home schooling, middle schools and high schools, where students will grasp the basic principles of electronics.

Requires four (4) "AA" batteries.

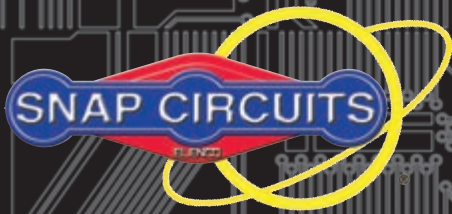


Item #	UPC #	Case Pack
SC-300R	756619003061	3 / Box

*Two project books,
 Student Guide,
 and Teacher Guide included.*



CI-73 - Computer interface with 70 extra experiments available for SC-300R & SC-500R only.



Educational Series

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Project Labs

Training Program

Model SC-100R

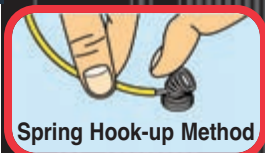
Includes Student & Teacher Guides and Case

The Model **SC-100R** is an in-depth exploration of the electronic components included with the **SC-100** Snap Circuits® Jr. Ideal for use in home schooling, middle schools and high schools, where students will grasp the basic principles of electronics.

Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
SC-100R	756619003283	5/10 / Box



Spring Hook-up Method

Project Labs

No Soldering

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 10 & up

50-IN-ONE Electronic Playground

Model EP-50

OVER 50 ELECTRONIC PROJECTS

Specifically designed for beginners.

Uses spring hook-up method

- Voltage
- Current
- Resistors
- Capacitors
- Transistors
- Diodes
- Transformers
- Speakers
- Antennas
- Requires one (1) 9V battery



Item #	UPC #	Case Pack
EP-50	756619000930	12 / Box

Electronic Playground 130

Model EP-130

OVER 130 ELECTRONIC PROJECTS

Uses spring hook-up method

- Easy-to-read, illustrated, lab-style manual included.
- Learn basic principles of electricity, electronics, physics and magnetism!
- Comes with built-in speaker, 7-segment LED display, two fully integrated circuits and rotary controls.
- Requires six (6) "AA" batteries.



Item #	UPC #	Case Pack
EP-130	756619006987	6 / Box



Breadboard
Hook-up
Method



Project Labs

No Soldering

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 10 & up

75-IN-ONE Electronic Project Lab

Model MX-905



Uses spring hook-up method

- Easy-to-read, illustrated, lab-style manual included.
- Learn basic principles of electricity, electronics, physics and magnetism!
- Requires four (4) "AA" batteries.



Item #	UPC #	Case Pack
MX-905	756619001746	12 / Box

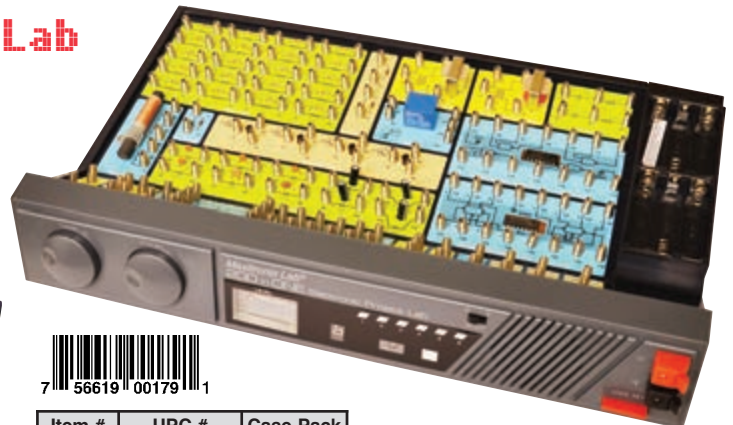


200-IN-ONE Electronic Project Lab

Model MX-907

Uses spring hook-up method

- Easy-to-read, illustrated, lab-style manual included.
- Learn about transistors, transformers, diodes, capacitors, oscillators, basic electronic circuits, and schematic symbols.
- With built-in speaker, earphone, meter, seven-segment LED digital display, out-front controls, and more!
- Requires six (6) "AA" batteries.



Item #	UPC #	Case Pack
MX-907	756619001791	12 / Box

300-IN-ONE Electronic Project Lab

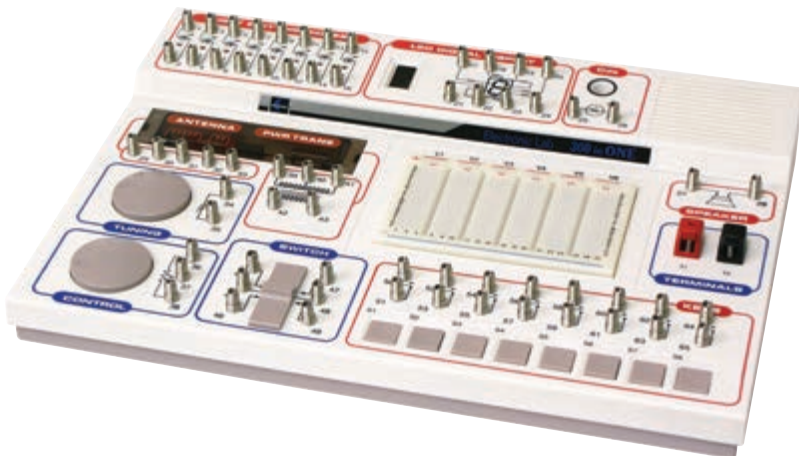
Model MX-908

Uses breadboard hook-up method

- A classic electronics trainer with 300 experiments.
- Learn basic principles of electronics and electricity, physics and magnetism.
- Uses the spring-wire connection and breadboard methods.
- Includes easy-to-read, lab style, illustrated manual.



Item #	UPC #	Case Pack
MX-908	756619001807	12 / Box



Project Labs



Tree of Knowledge

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Tree of Knowledge®

Super Chem 120

Model EDU-8355

- 120 activities with fun science and kitchen chemistry.
- Make monster dough, grow crystals, and create secret writing.
- Observe the way plants react to chemicals and light.
- A full-colored, simple-to-read instruction manual is included with this kit.



WARNING: This product contains magnets.

WARNING: This product contains uninflated balloons.



Item #	UPC #	Case Pack
EDU-8355	756619006086	6 / Box

Super Chem

Model EDU-8350

- 100 activities with fun science and kitchen chemistry.
- Make a geyser, cola volcano, gas cannon, invisible ink, and cheese.
- Learn how to remove an egg shell without touching it, how to find iron in cereal, and much more.
- A full-colored, simple-to-read instruction manual is included with this kit.

WARNING: This product contains uninflated balloons.

Item #	UPC #	Case Pack
EDU-8350	756619006079	6 / Box



Chemistry Lab Kit

Model EDU-36734

Conduct your own real chemistry experiments with the Edu Science Chemistry Lab Kit. The Chemistry Lab is a science kit that consists of a collection of safe experiments to carry out using both the chemicals and equipment included. The set comes with 8 assorted chemicals in plastic containers with safety caps, and 20 pieces of quality equipment. A comprehensive chemistry lab instruction booklet detailing 80 experiments is included.



Item #	UPC #	Case Pack
EDU-36734	769188367342	6 / Box



Tree of Knowledge

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Tree of Knowledge®

Chem-Science

Model EDU-7075

- Over 60 experiments
- Child friendly, engaging chemistry set
- Safe and simple materials
- Explore home science and kitchen chemistry
- Great for a science fair project

WARNING: This product contains magnets.



Item #	UPC #	Case Pack
EDU-7075	756619006970	12 / Box



Weather

Model EDU-7074

- Over 30 fascinating activities all about weather and climate.
- Build your own barometer, weather vane, rain gauge, and hydrometer.
- Observe the weather traits and see how they'll affect tomorrow's weather.
- Requires one (1) 9V battery.

WARNING: This product contains uninflated balloons.



Item #	UPC #	Case Pack
EDU-7074	756619005959	12 / Box



Detectolab

Model EDU-7080

- A Great starter kit for those interested in FORENSIC SCIENCE, CRIMINAL SCIENCE INVESTIGATIONS, and learning about private detectives.
- Over 65 activities with fingerprints, chromatography, cipher codes, identity detection and more
- Kit includes 30X microscope and necessary lab equipment.
- Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
EDU-7080	756619005980	12 / Box





Tree of Knowledge

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WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Tree of Knowledge®

Rainbow Reflector

Model EDU-37568

Fill your room with rainbows every time the sun shines! Includes a solar panel, electric motor, and all the other necessary parts to build your own Rainbow Reflector kit. Color manual included.

- (1) Solar Panel & Electric Motor
- (1) Transparent Plastic Casing
- (1) Sticker
- (2) Plastic Window Fixings
- (2) Axles with Nylon Gears
- (1) Soft Aluminium Wire for Fixing Crystals
- (3) Glass Crystals
- (1) Color instruction Leaflet
- NO batteries required!



Item #	UPC #	Case Pack
EDU-8405	756619006109	6 / Box



Ages 10 & up



Ages 8 & up

My Senses

Model EDU-7086

This kit is part of our Body Awareness Science Series, exploring the five senses: sight, hearing, smell, taste, and touch. Perform over 50 fascinating experiments. Use a genuine stethoscope, make a telescope with real lenses and create rainbows with a prism. Prepare perfume and stink bombs with chemistry lab equipment. Learn how to read and send messages in Braille. Also includes many activities suitable for party games.

Item #	UPC #	Case Pack
EDU-7086	756619006017	12 / Box



Physics

Model EDU-8200

- 250 captivating experiments which will introduce you to this fascinating field!
- Experiment with electricity, motors, gases, liquids, heat, sound, force, and motion
- Understand nature's basic laws.
- Requires two (2) "AA" batteries

Ages 10 & up



Item #	UPC #	Case Pack
EDU-8200	756619006055	6 / Box



Ages 10 & up



Hydrolab

Model EDU-8740

Complete greenhouse system for cultivating plants and vegetables in an "indoor" environment, without soil, using a modern Hydroponics system. The kit comes with a base, adjustable translucent observation cover, four growing trays, fertilizer tank, safe chemicals and bedding for propagating the growth of plants.



Item #	UPC #	Case Pack
EDU-8740	756619006130	6 / Box



Tree of Knowledge

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Solar Power Model EDU-8405

Over 150 Challenging Experiments. Convert solar energy. Build a solar electric generator, motor, water heater, furnace, thermometer, crane and solar energy mobiles. Unique experiments with color optics, electroplating, stroboscopes, thermodynamics and Moiré patterns.

Ages 10 & up

WARNING: This product contains uninflated balloons.

Item #	UPC #	Case Pack
EDU-8405	756619006109	6 / Box



Crystal Wonder Model EDU-CM007

- Make crystals of all sizes, shapes and colors - Includes 12 different salts
- An exciting and interesting way to learn science

Ages 10 & up

Item #	UPC #	Case Pack
EDU-CM007	756619006154	6 / Box



Worm Habitat Eco-grow Kit Model EDU-37700

- Plastic worm housing
- 2 Covers
- 4 Packets of colored sand
- Instruction sheet
- Worms NOT included
- Soil NOT included
- Seeds NOT included

Item #	UPC #	Case Pack
EDU-37700	769188377006	6 / Box



Ages 5 & up

Water Clock Model EDU-3070

Make a clock that can work just on tap water! You will never need batteries again! Also works on a variety of household materials such as: cola, fruit juice and even ketchup! Try other materials and see how the clock never stops. This is the best timekeeper you will ever have.

Ages 8 & up

Item #	UPC #	Case Pack
EDU-3070	756619005843	12 / Box



Crystal Radio Model EDU-3010

Build your own working crystal radio. Look for and pick up radio stations. Earphone and antenna included. No tools or batteries required. Remember the days of the first radio.

Ages 8 & up

Item #	UPC #	Case Pack
EDU-3010	756619005799	12 / Box



Tree of Knowledge®



Tree of Knowledge Robotics

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Tree of Knowledge®

Robotics

Model EDU-7090

Join forces with the world of robotics and assemble 3 fantastic robots. One robot detects objects using infrared rays, the wake-up robot is sensitive to light and the third robot is operated by any TV remote control. A separate circuit and body are supplied for each robot: just fix the selected circuit onto the robot base and add the corresponding transparent body. Includes three (3) pre-assembled PC boards and three (3) robot bodies, which allows you to build three (3) different robots, **one at a time**.

No soldering required.

Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
EDU-7090	756619006024	12 / Box

Remote Control Robot

Model EDU-4001

Build your own remote control robot controlled by your TV remote! The kit also includes parts for inventing your own robot arm.

No soldering required.

Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
EDU-4001	756619005867	12 / Box

Treasure Finder

Model EDU-4002

Find hidden riches with this treasure finder robot! This robot uses a metal detector to discover metallic objects.

The kit also includes parts for inventing your own robot arm.

No soldering required.

Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
EDU-4002	756619005874	12 / Box

Wake Me Robot

Model EDU-4003

The Wake Me Robot uses a light sensor, making it sensitive to light.

The kit also includes parts for inventing your own robot arm.

No soldering required.

Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
EDU-4003	756619005881	12 / Box

The Guide Robot

Model EDU-4004

The Guide Robot senses objects in its path using an infrared ray. The kit also includes parts for inventing your own robot arm.

No soldering required.

Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
EDU-4004	756619005898	12 / Box

New from



The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

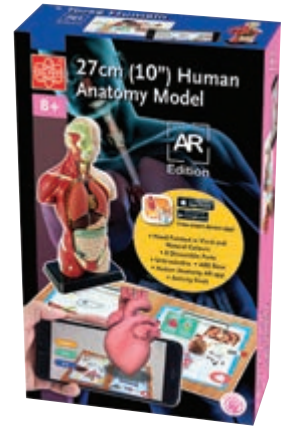
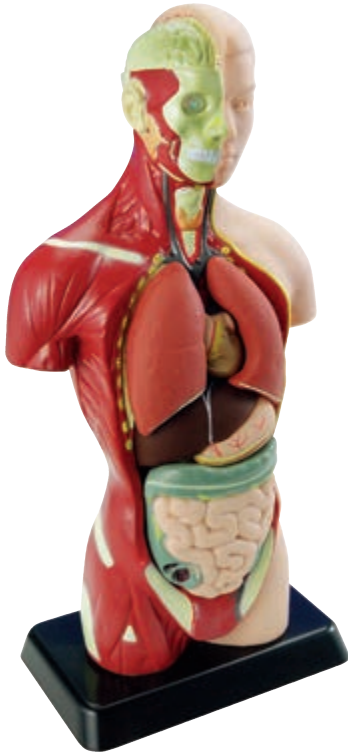
8pc. 10" Human Anatomy Model AR Edition Model EDU-41006AR

Features:

- Hand painted in vivid and natural colors.
- 8 Dissectible parts
- ABS base
- Fully illustrated color instruction manual
- Human Anatomy AR & app



Ages 8 & up



What is AR?

AR or (augmented reality) is the integration of digital information with the user's environment in real time. Unlike virtual reality, which creates a totally artificial environment, augmented reality uses the existing environment and overlays new information on top of it using a digital device such as a smartphone or tablet.



Item #	UPC #	Case Pack
EDU-41006AR	769188051265	6 / Box

11pc. 20" Human Anatomy Model AR Edition Model EDU-41007AR

Ages 8 & up

Features:

- Hand painted in vivid and natural colors.
- 11 Dissectible parts
- ABS base
- Fully illustrated color instruction manual.
- Human Anatomy AR & app



Item #	UPC #	Case Pack
EDU-41007AR	769188051272	4 / Box

Science Kits



Science Kits

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Science Kits

Rock Tumbler Model EDU-36793

Ages 10 & up

Rock Tumbler Includes:

- 4 oz. gemstone rocks
- (1) Step 1 coarse grinding powder
- (1) Step 2 fine grinding powder
- (1) Step 3 polishing powder
- (1) Step 4 fine polishing powder

Jewelry Making:

- 18" silver tone necklace chain
- (2) adjustable rings
- (1) key chain
- (1) pair hanging earring wires
- (3) setting holders in 3 styles
- (1) jump ring connector
- Glue



AC adapter included.

UL approved



Item #	UPC #	Case Pack
EDU-36793	769188367939	4 / Box
EDU-36925	769188369254	12 / Box

Rock Tumbler Refill Kit Model EDU-36925

Rock Tumbler Refill Includes:

- Extra belts
- (2) 8oz. bags gemstone rocks
- (2) bags Step 1 coarse grinding powder
- (2) bags Step 2 fine grinding powder
- (2) bags Step 3 polishing powder
- (2) bags Step 4 fine polishing powder

Jewelry Making Includes:

- 18" silver tone necklace chain
- (4) adjustable rings
- (3) key chains
- (3) pairs hanging earring wires
- (12) setting holders in 2 styles
- (12) jump ring connectors
- Glue



Ranger R/C Metal Detector Model EDU-37173

Ages 8 & up



- The best of both worlds: Remote control ATV and Metal Detector
- The ATV has a 30 foot range, high traction tires and built in metal detector.
- Locate treasures in your house or the yard.
- Includes: RC ATV with controller, 2 digging tools, 4 gold coin replicas.

Item #	UPC #	Case Pack
EDU-37173	769188371738	4 / Box



Horseshoe Magnet Model EDU-36724



Two magnets, one north pole and one south pole, enclosed in an easy-to-handle plastic horseshoe-shaped housing.

Ages 6 & up

Item #	UPC #	Case Pack
EDU-36724	769188367243	12 / 24 / Box



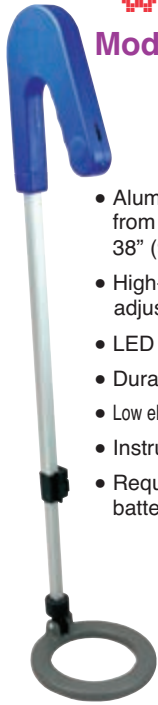


Science Kits

The following warning pertains to all products on this page:
 WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Metal Detector with Beep Model EDU-36749



- Aluminum extension from 23" (58cm) to 38" (96cm)
- High-low sensitivity adjustment
- LED display
- Durable ABS body
- Low electrical consumption
- Instruction manual
- Requires one (1) 9V battery



Item #	UPC #	Case Pack
EDU-36749	769188367496	12 / Box

Periscope Model EDU-37363



"I spy with my little eye..." View objects over walls and around corners! Periscope extends from 21" to 29" and features an adjustable handle and spy view.

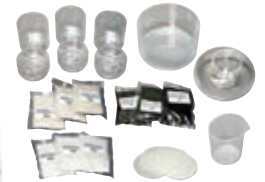


Item #	UPC #	Case Pack
EDU-37363	769188373633	6 / Box

Water Filtration Kit Model EDU-37677



- Gravel
- Sand
- Active Carbon
- 100mm filter paper
- 45mm filter paper
- Measuring cup



Item #	UPC #	Case Pack
EDU-37677	769188376771	6 / Box

Galaxy Star Finder Model EDU-37364

Ages 8 & up



- Star projector
- Rotational on/off switch
- Light on/off switch
- Instructional pointer
- CyberSky software CD included
- Requires six (6) "AA" batteries



Item #	UPC #	Case Pack
EDU-37364	769188373640	4 / Box

Survival Kit Model EDU-36895



- Foldable 5-in-1 design
- 3x Binoculars
- Whistle
- Mirror

- Compass
- Emergency signal
- Instruction manual



Item #	UPC #	Case Pack
EDU-36895	769188368950	12 / 24 / Box

Science Kits



Science Kits

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Aqua Viewer Model EDU-37720

Aqua Viewer is a telescopic scope for land based viewing of sub-surface creatures in streams, ponds, lakes, or tide pools.

- Built-in LED Light
- Easy-grip folding handle
- 5x magnification



Ages 8 & up

Item #	UPC #	Case Pack
EDU-37720	769188377204	6 / Box



3x28mm Binoculars Model EDU-BN328

- 3x Magnification for easy viewing
- Easy for small hands to hold
- 3 Assorted colors: Yellow, red, blue
- Sturdy child-friendly construction



Ages 8 & up



Item #	UPC #	Case Pack
EDU-BN328	769188367335	12/ 48 / Box

4x 6x Two Way Bug Viewer Model EDU-36888

- Allows 2 people to view simultaneously.
- Ventilated bug viewer with base and easy-grip handles.
- 6x magnification (top view), 4x magnification (bottom view).
- Includes rubber spider.



Ages 5 & up

Item #	UPC #	Case Pack
EDU-36888	769188368882	12/24 / Box



RC Black Widow Model EDU-37526

- Full-function: moves forward, left, right, stops, and turns in reverse.
- RC Black Widow performs simulated walking action with moving legs.
- Actual motion is achieved through hidden drive-wheels.
- Works indoors and outdoors on smooth surfaces with 25 foot (8 meter) range!
- Requires one (1) 9V battery and four (4) "AA" batteries.



Ages 8 & up

Item #	UPC #	Case Pack
EDU-37526	769188375262	4 / Box



Frog Dissection Kit Model EDU-37307

- Authentically detailed frog body
- Removable texture organs
- Cross sections show muscle structure
- Glow-in-the-dark "X-ray" included
- Child-safe lab tools included
- 12 removable parts



Ages 8 & up

Item #	UPC #	Case Pack
EDU-37307	769188373077	4 / Box





Science Kits

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Insect Exploring Kit Model EDU-BL131



- Multi-level ant house
- Ant tunnel
- Ant platform
- 2-way viewer
- Allows 2 people to view simultaneously
- Top view 4x magnification
- Easy grip handles
- Fully illustrated color instruction booklet



Ages 5 & up



Item #	UPC #	Case Pack
EDU-BL131	769188369087	12 / Box

Bug Collector Set Model EDU-37310



Ages 5 & up

- Bug collector can gently collect the little giants without hurting them.
- Observe and discover living insects and plants.
- Check and look around with bug collector, net, and tweezers for insects and plants.



Item #	UPC #	Case Pack
EDU-37310	769188373107	6 / Box

Nature Exploring Kit Model EDU-37058

Ages 6 & up

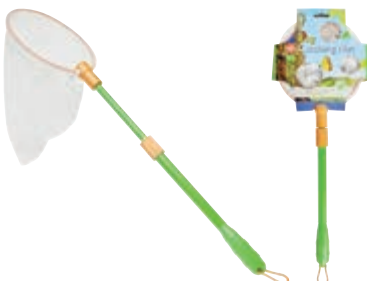


- 12" Bug jar with magnifier
- Creature net with two-piece handle.
- Magnifier, tweezers, and instructions



Item #	UPC #	Case Pack
EDU-37058	769188370588	6 / Box

Nature Exploring Kit Model EDU-37682



- Extendable handle from 21.9" (55.5cm) to 31.5" (80cm)
- A 7.7" (19.6cm) diameter net.
- Great for outdoor play!

Ages 6 & up



Item #	UPC #	Case Pack
EDU-37682	769188376825	12 / Box

Bug House Model EDU-37683

Ages 6 & up

- Snap lock lid for easy capture and release
- Ventilated design
- Use the bug house to observe living creatures
- Great for outdoor play



Item #	UPC #	Case Pack
EDU-37683	769188376832	12 / Box



New Microscopes & Telescopes

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Microscopes & Telescopes

640x Die-Cast Optical Microscope w/ Dual Lights Model EDU-MS083

- 11" Die-cast microscope with Colour Filters
- 10x Wild-Field Eyepiece
- 16x Wild-Field Eyepiece
- Micro Slicer®
- Micro Hatchery®
- (2) Prepared slides
- (12) Blank slides
- (12) Cover glasses
- (12) Statical slide covers
- (12) Blank labels
- Petri dish w/ Magnifier®
- (2) 10 ml Graduated cylinders
- (4) Collecting Vials
- 3x / 6x Magnifier
- Stainless steel tweezers
- Needle
- Spatula
- Instruction manual
- Button Cell

AND MORE!!



Item #	UPC #	Case Pack
EDU-MS083	769188010835	6 / Box



Astronomical Telescope & Microscope Science Kit Model EDU-TM236

600x Microscope:

- 8" (20cm) Microscope
- (10) Blank slides
- (2) Prepared slides
- (12) Cover glasses
- (12) Blank labels
- (12) Statical slide covers
- 3x / 6x Magnifier
- (2) Collecting vials
- (4) Collecting containers
- Stirring rod
- (2) Graduated cylinders
- Tweezers
- Dropper
- Micro Hatchery®
- Button Cell
- Pair of goggles
- Instruction manual

40x Telescope:

- 16" (41cm) Body
- 20x 30x 40x Eyepiece
- Diagonal mirror
- 30mm Ø objective lens
- 10" (25cm) tripod



Item #	UPC #	Case Pack
EDU-TM236	769188032363	6 / Box

Microscopes

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Handheld Microscope Model EDU-37674



- 4" Handheld microscope
- Strap
- Stand
- Prepared slide
- 20x, 40x
- Light included

Ages 8 & up

Item #	UPC #	Case Pack
EDU-37674	769188376740	12/ 24 / Box



Slide Making Kit Model EDU-36700



Ages 10 & up

- Micro Hatchery®
- (2) Prepared slides
- (10) Blank slides
- (12) Cover glasses
- (12) Static slide covers
- (12) Blank labels
- Vial of eosin
- Vial of shrimp eggs
- Vial of methylene blue
- Tweezers
- Dropper
- Stirring rod
- 3x / 6x Magnifier
- Safety goggles
- Vial of sodium chloride
- (2) 10ml Graduated cylinders
- (2) Collecting vials
- Instruction manual



Item #	UPC #	Case Pack
EDU-36700	769188367007	24 / Box



Prepared Micro-Slides Model EDU-36729

- Acrylic
- Aspirin
- Bird Feather
- Coffee
- Cola
- Corn
- Cotton
- EVA Foam
- Fish Scale
- French Bean
- Gills Mushroom
- Glucose
- Grasshopper Abdomen
- Grasshopper Leg
- Grasshopper Wing
- Green Seaweed
- Kelp
- Laver Algae
- Microfiche (3)
- Nylon
- Penicillin
- PM Foam
- Polyester
- PS Foam
- Rice
- Silk
- Snake Scale
- Stem Toadstool
- Tea
- Vitamin B2
- Vitamin C
- Vitamin D
- Wood Fungus
- Wool

(12) Slides with 36 assorted specimens



Ages 8 & up

Item #	UPC #	Case Pack
EDU-36729	769188367298	12/ 24 / Box



12 pc. Prepared Micro-Slides + 6 Blank Slides Model EDU-36730



- (12) Slides with 36 assorted specimens (drinks, plastic, synthetic fibers, grasshopper, medicine & starch, micro-film, natural fibers, animal, algae, vitamin & fungi)
- (6) Blank slides

Ages 8 & up

Item #	UPC #	Case Pack
EDU-36730	769188367304	48 / Box



Microscopes

Microscopes

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

100x 200x 300x Microscope Set Model EDU-41003



- 6" Microscope
- Prepared slide
- (3) Blank slides
- (3) Static covers
- (3) Blank labels
- 3x / 6x Magnifier
- Instruction manual
- No batteries required

Ages 8 & up



Item #	UPC #	Case Pack
EDU-41003	769188410031	12 / Box

100x 300x 600x Microscope Set with Light & Projector Model EDU-41004



- 8" Microscope
- (2) Prepared slides
- (6) Blank labels
- (2) Collecting vials
- 3x / 6x Magnifier
- Instruction manual
- Lithium battery

Ages 8 & up



Item #	UPC #	Case Pack
EDU-41004	769188410048	12 / Box

100x 300x 1000x 2-Way Microscope Model EDU-41009

- 12" 2-way die-cast microscope w/ viewer and projector
- Micro Hatchery®
- (6) Prepared slides
- (12) Blank glass slides
- (12) Cover glasses
- (12) Blank labels
- Petri dish with Magnifier®
- (4) Collecting vials
- (2) 10ml Graduated cylinders
- L14 battery

Ages 10 & up

Item #	UPC #	Case Pack
EDU-41009	769188410093	4 / Box



Microscopes

The following warning pertains to all products on this page:
 WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 10 & up

100x-750x Zoom Microscope Set with Light & Projector Model EDU-41001

- 9" Microscope with Huygens' eyepiece and color filters
- Micro Data Bank®
- Micro Slicer®
- (12) Blank slides
- (12) Blank labels
- Petri dish with Magnifier®
- (4) Collecting vials
- Stirring rod
- Spare bulb
- Lithium battery
- Instruction manual



Item #	UPC #	Case Pack
EDU-41001	769188410017	12 / Box



Microscopes

100x 900x Zoom Microscope Set in Hand Carrying Case Model EDU-41011

- 9" Die-cast Microscope w/ Huygens' eyepiece and color filters
- Micro Data Bank®
- (12) Blank slides
- (12) Cover glasses
- (12) Blank labels
- Petri dish with Magnifier.
- (2) 10 ml Graduated cylinders
- (4) Collecting vials
- Instruction manual
- Lithium battery



Item #	UPC #	Case Pack
EDU-41011	769188410116	6 / Box

100x-900x Zoom Die-Cast Microscope Set with Light & Projector Model EDU-41002

- 9" Microscope w/ Huygens' eyepiece and color filters
- Micro Data Bank®
- Micro Slicer®
- (12) Blank slides
- (12) Cover glasses
- (12) Blank labels
- Petri dish with Magnifier®
- (2) 10 ml Graduated cylinders
- (2) Collecting vials
- Spare bulb
- Instruction manual
- Requires two (2) "AA" batteries



Item #	UPC #	Case Pack
EDU-41002	769188410024	4 / Box



Microscopes & Telescopes

The following warning pertains to all products on this page:
 WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Microscopes & Telescopes

5-in-1 100x-1200x Deluxe Microscope

Model EDU-23703

- 11" Die-cast microscope with micro viewer
- Microphoto projector and drawing device
- Micro Hatchery®
- (2) Prepared slides
- (10) Blank glass slides
- (12) Cover glasses
- (12) Blank labels
- (4) Collecting containers
- Petri dish w/ Magnifier®
- Spare bulb
- (3) 10 ml Graduated cylinders
- 3x / 6x Magnifier
- Instruction manual
- Requires two (2) "AA" batteries



Item #	UPC #	Case Pack
EDU-23703	769188237034	6 / Box



Microscope & Telescope Set with Survival Kit

Model EDU-TM008

1200x Die-cast Microscope:

- 9" (23cm) Huygens' Eyepiece microscope with color filters
- Micro Hatchery®
- (10) Blank slides
- (24) Cover glasses
- (24) Blank labels
- (24) Statical slide covers
- (2) Prepared slides
- Petri dish with magnifier®
- (2) Collecting vials
- Needle
- Scalpel
- Spatula
- 2-in-1 45mm Ø Magnifier
- Carrying case included (28.3" x 15.9" x 6.7")

40x Telescope:

- 16" (41cm) Body
- 20x 30x 40x Eyepiece
- Diagonal mirror
- 30mm Ø objective lens
- 10" (25cm) tripod

Survival Kit:

- Foldable 5-in-1 design
- 3x Binoculars
- Compass
- Whistle
- Emergency signal
- Mirror



Item #	UPC #	Case Pack
EDU-TM008	769188372278	4 / Box



Telescopes

Ages 8 & up

288x Astrolon™ Telescope with Aluminum Tripod Model EDU-36944

- 6 x 25mm Finderscope
- 2.3x Barlow lens
- 50mm Ø Objective lens
- Diagonal viewer and two (2) interchangeable eyepieces
- Space map
- 36" Adjustable aluminum tripod
- Includes carrying case

Item #	UPC #	Case Pack
EDU-36944	769188369445	2 / Box



35x-50x 50mm Zoom Terrestrial Telescope Model EDU-36685

- Huygens' zoom eyepiece
- 50mm Ø Objective lens
- 18" Aluminum tripod
- 25" Aluminum telescope body



Item #	UPC #	Case Pack
EDU-36685	769188366857	6 / Box

20x 30x 40x Mobile Telescope with Tripod Model EDU-41005

- 20x/30x/40x Eyepieces
- Diagonal mirror
- 16" ABS body
- 30mm Ø Objective lens
- 10" Tripod



Item #	UPC #	Case Pack
EDU-41005	769188410055	12 / Box



Telescopes

Dinosaurs

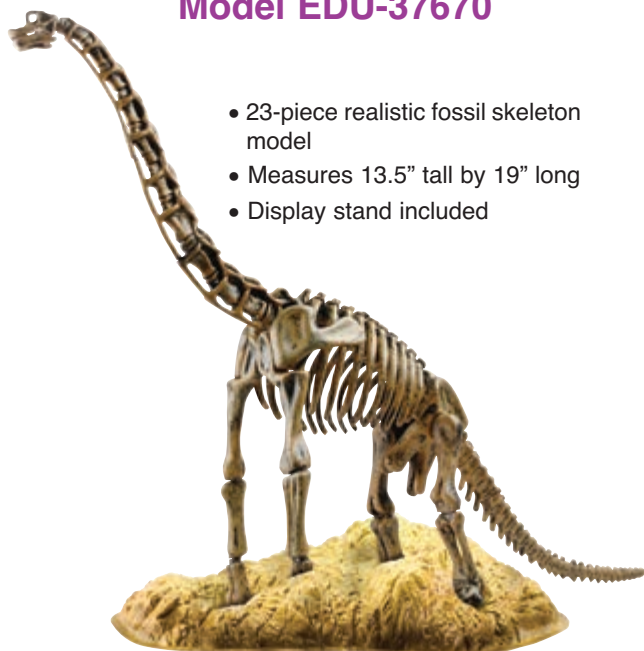
The following warning pertains to all products on this page:
 WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Dinosaurs

Brachiosaurus Skeleton

Model EDU-37670



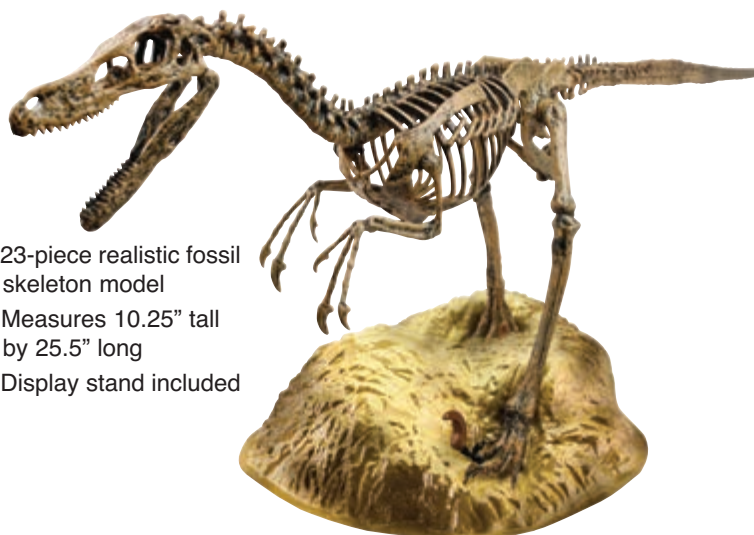
- 23-piece realistic fossil skeleton model
- Measures 13.5" tall by 19" long
- Display stand included

Item #	UPC #	Case Pack
EDU-37670	769188376702	6 / Box



Velociraptor Skeleton

Model EDU-37671



- 23-piece realistic fossil skeleton model
- Measures 10.25" tall by 25.5" long
- Display stand included

Item #	UPC #	Case Pack
EDU-37671	769188376719	6 / Box



Dig It! Triceratops

Model EDU-37261



- Triceratops bones encased in an excavation brick
- Archaeological tools
- Safety goggles
- Instruction manual



Item #	UPC #	Case Pack
EDU-37261	769188372612	6 / Box



Dig It! Stegosaurus

Model EDU-37394



- Stegosaurus bones encased in an excavation brick
- Archaeological tools
- Safety goggles
- Instruction manual



Item #	UPC #	Case Pack
EDU-37394	769188373947	6 / Box



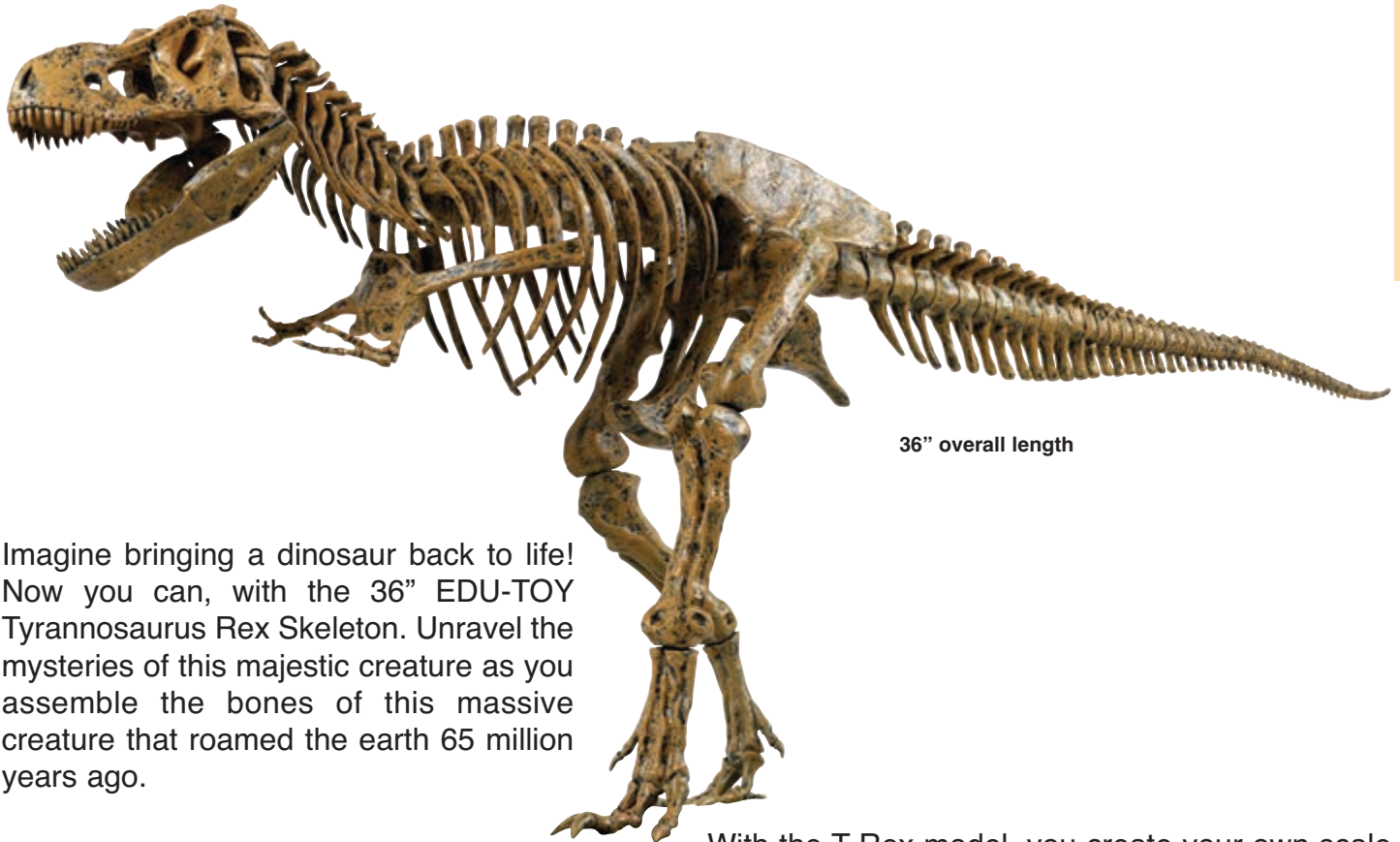
Dinosaurs

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WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

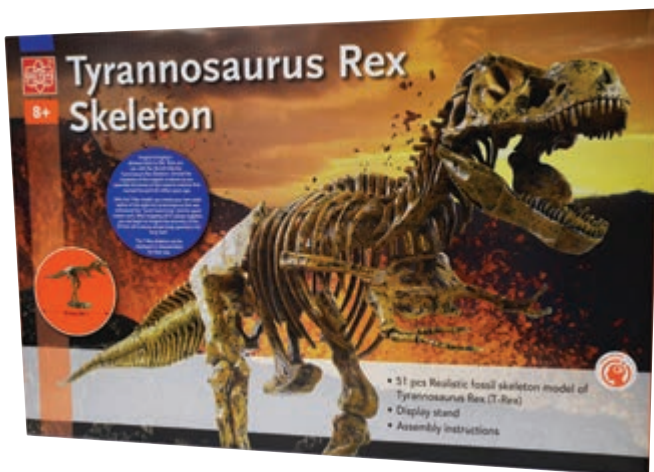
T-Rex Skeleton

Model EDU-37329



36" overall length

Imagine bringing a dinosaur back to life! Now you can, with the 36" EDU-TOY Tyrannosaurus Rex Skeleton. Unravel the mysteries of this majestic creature as you assemble the bones of this massive creature that roamed the earth 65 million years ago.



With the T-Rex model, you create your own scale replica of this eight-ton tyrannosaurus that was nicknamed the "Tyrant Lizard King" (and for good reason too!). After snapping all 51 pieces together, you can begin to imagine the enormity of this 20-foot tall creature whose body spanned a full forty feet!

The T-Rex skeleton can be displayed or disassembled for later use.

- 51 pc. realistic fossil skeleton model of Tyrannosaurus Rex
- Display stand included
- Can be disassembled for later use



7 69188 37329 9

Item #	UPC #	Case Pack
EDU-37329	769188373299	4 / Box

Globes

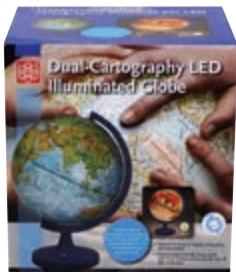
The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

11" Dual-Cartography LED Illuminated Globe Model EDU-2837

Globes

- Dual-cartography design - This globe displays the geographical features of the world when the light is off, but when the light is on, it displays the political map of the world.
- Dual power operation (AC adaptor included).
- Globe in 2-piece construction with a sturdy base.
- Requires four (4) "AA" batteries.

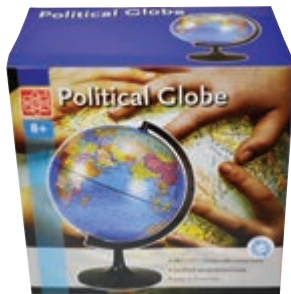


Item #	UPC #	Case Pack
EDU-2837	769188376399	4 / Box



11" Desktop Political Globe Model EDU-36899

- Globe in 2-piece construction with a sturdy base.
- Updated geographical maps
- Location of major cities for each country.
- Educational & fun for all ages!



5" Desktop Political Globe Model EDU-36920

- Globe in 2-piece construction with a sturdy base.
- Updated geographical maps.
- Location of major cities for each country.
- Educational & fun for all ages!



Item #	UPC #	Case Pack
EDU-36899	769188368998	6 / Box



Item #	UPC #	Case Pack
EDU-36920	769188369209	12 / Box

Globes

The following warning pertains to all products on this page:
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The Night 'n Day® Real Solar Time Rotating Globe is a clock and calendar that shows the time of day and date for any location on earth. It also demonstrates which parts of the earth are in day/night. As the globe turns, you can see where people on earth are experiencing sunrise, sunset, and twilight times.

Night 'n Day® Globe Model EDU-37502



Night 'n Day



Specifications:

- 11" (28cm) globe. Assembly and set-up required.
- 17" overall height
- AC adaptor included

Item #	UPC #	Case Pack
EDU-37502	769188375026	2 / Box



Ages 14 & up



Wildlife Globe Model EDU-37149

- When the globe illuminates in the dark, more creatures appear in the oceans.
- Shows regions where different animals live.
- More than 250 pictures and each picture is accompanied with text for easy identification.
- Educational & fun for all ages!

Item #	UPC #	Case Pack
EDU-37149	769188371493	4 / Box



Ages 6 & up

Globes

JR.SCIENTIST

Educational Science DIY Program

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
 Small parts. Not for children under 3 years.

Ages 8 & up

Tumbling Robot

Model EDU-62019



- Build in less than 1 hour for hours of fun - No soldering required
- 3 Modes: Fall and get up mode - Dance mode - Somersault mode
- Functionally able to stand up after falling, really
- High-impact plastic construction - Ages 8 and up depending on ability
- Requires two (2) "AA" batteries.

Item #	UPC #	Case Pack
EDU-62019	769188620195	12 / Box



Sound Control UFO

Model EDU-62022



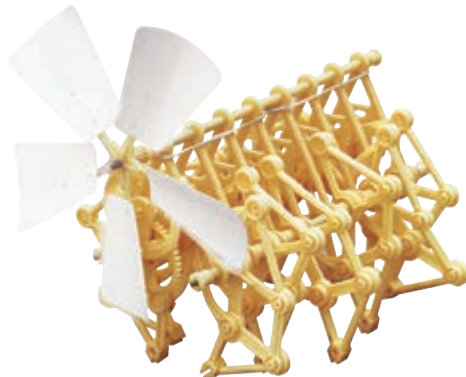
- Build the UFO Robot
- UFO races, stops, and turns around
- Alien pops up, spins, and disappears again
- Controlled by sound-sensitive remote
- Fun to put together and then to watch in action
- Requires three (3) "AA" batteries



Item #	UPC #	Case Pack
EDU-62022	769188620225	12 / Box

Strandbeest

Model EDU-62221



Minibeest is a miniature size reproduction of the mega artificial life Strandbeest by Dutch artist Theo Jansen. The 28-page science guide gives you the history of the real Strandbeest. The guide also includes easy-to-follow assembly instructions.

6" (H) x 7" (L) x 5" (D)

No Batteries Required!

Item #	UPC #	Case Pack
EDU-62221	769188622212	12 / Box



Rhinoceros Kit

Model EDU-62222



Build a Mini Rhinoceros powered by the wind with this kit. Watch your creation begin to move, powered just by the wind alone. 24-page science guide gives you the history of the real Giant Beest. The guide also includes easy-to-follow assembly instructions.

6" (H) x 7" (L) x 5" (D)

No Batteries Required!

Item #	UPC #	Case Pack
EDU-62222	769188622229	12 / Box



JR. SCIENTIST

Educational Science DIY Program

Ages 8 & up

The following warning pertains to all products on this page:
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JR. Scientist™ Series



- 9" Microscope
- Huygens Eyepiece 12x–18x
- 8x, 25x, 42x Objective Lenses
- Color Filters
- (4) Blank Slides
- (2) Collecting Vials

Microscope Kit

Model EDU-37723

- Lens Cap
- Button Cell
- Instruction Manual
- Book and building kit for building a functional microscope



Item #	UPC #	Case Pack
EDU-37723	769188377235	12 / Box



Sound Cylinder Kit

Model EDU-37722

- Build 9"x4" Cylindrical sound box
- 2x End cap
- 2x Stand
- Amp Pack
- Dynamic Speaker with connecting wire
- Power Pack with connecting wire

- Audio cable included
- Educational/Assembly instructions
- Operates with four (4) "AA" batteries (not included)
- MP3 not included
- Book and building kit for building a functional cylindrical sound box



Item #	UPC #	Case Pack
EDU-37722	769188377228	12 / Box



- Book and building kit for building a functional electric guitar
- Encourages fine motor skills, logic, musical interest, scientific learning
- Teaches how electric guitar works as you build it
- Learn the names of the guitar parts
- Features volume dial, LED power indicator, Audio-out/Headphone jack

Mini Electric Guitar

Model EDU-62104



Item #	UPC #	Case Pack
EDU-62104	769188621048	12 / Box



Leonardo Da Vinci Kits

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WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 8 & up

Leonardo da Vinci

The scientific genius of Leonardo da Vinci is brought to life through these 12 articulated models. The inventions that inspired these snap-together replicas are taken from the pages of da Vinci's priceless and awe-inspiring notebooks. All models are made of plastic and require no special tools. Manuals are very educational and teach how these inventions have evolved into what they are today.

Aerial Screw Model EDU-61002

The Aerial Screw designed by Leonardo da Vinci was a precursor of the modern day helicopter. The device was designed to compress air in order to obtain flight. Measuring more than 15 feet in diameter and made from reed, linen, and wire, the machine called for a four-man team to stand on a base and employ a pumping action to spin the rotary blade in order to lift the device off the ground.

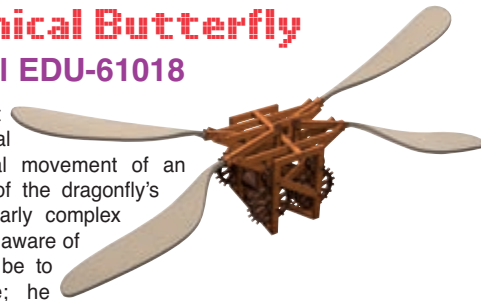


Item #	UPC #	Case Pack
EDU-61002	769188610028	8 / Box



Mechanical Butterfly Model EDU-61018

It is extremely difficult to create a mechanical replica of the natural movement of an animal. The beating of the dragonfly's four wings is particularly complex and Da Vinci was well aware of how difficult it would be to create this machine; he himself described it in great detail. It is not simply wings beating up and down; it's a jointed motion. Whilst beating down, the wings are "flat" in order to push as much air as possible, whereas when they are raised, they are angled so they create less resistance.



Item #	UPC #	Case Pack
EDU-61018	769188610189	8 / Box



Paddleboat Model EDU-61007

In Leonardo da Vinci's time, nautical expedition was the most expedient method of communicating with the world. Da Vinci brought forth plans for a boat with large wheel-shaped paddles that would propel it through water. The boat was relatively fast and easy to navigate using footpedals to turn rotating paddles that would move the boat.



Item #	UPC #	Case Pack
EDU-61007	769188610073	8 / Box



Self-Propelled Cart Model EDU-61008

Leonardo da Vinci designed the first self-propelled cart capable of moving without being pushed or pulled manually. This precursor to the automobile was one of the many inventions that Da Vinci created dealing with locomotion and transportation.

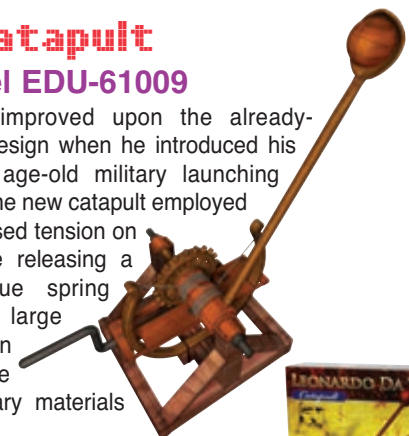


Item #	UPC #	Case Pack
EDU-61008	769188610080	8 / Box



Catapult Model EDU-61009

Leonardo da Vinci improved upon the already-established catapult design when he introduced his own version to the age-old military launching device. The plans for the new catapult employed a hand-crank that caused tension on the throw arm before releasing a projectile. His unique spring design produces a large amount of energy in order to propel stone projectiles or incendiary materials over great distances.



Item #	UPC #	Case Pack
EDU-61009	769188610097	8 / Box



Leonardo Da Vinci Kits

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Ages 8 & up

Submarine Model EDU-61020

A boat with sails has a part that is submerged in the water and invisible to enemies. The pilot used a passage to get into the lower part undercover: the Mechanical Submarine. A pulley and rope system lowers the submarine, which can unhook itself underwater and proceed invisibly towards the enemy. The submarine has two air chambers, which can be used for steering and for air needed by the pilot, who has a mouthpiece.



Item #	UPC #	Case Pack
EDU-61020	769188610202	8 / Box



Great Kite Model EDU-61021

The genius Da Vinci drew inspiration for his work from his direct observation of the flight of a bird. Da Vinci described its dimensions, the materials with which it is to be built, and its shape and how it works; the whole notebook revolves precisely around the construction and use of the machine.



Item #	UPC #	Case Pack
EDU-61021	769188610219	8 / Box



Multiple Sling Model EDU-61022

Leonardo da Vinci's idea was to build a very powerful machine, which could throw eight large projectiles at the same time. He positioned eight long arms in a circle around a central pin, each of which had a sling capable of throwing a projectile attached to it.



Item #	UPC #	Case Pack
EDU-61022	769188610226	8 / Box

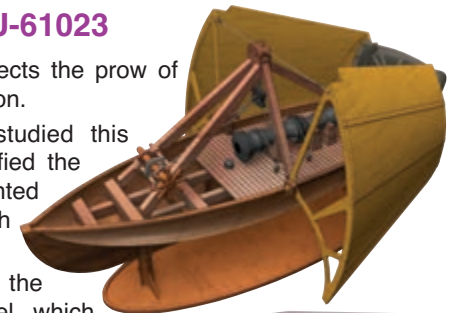


Ship's Cannon with Shield Model EDU-61023

A wooden shield protects the prow of the ship and the cannon.

Leonardo da Vinci studied this subject closely, identified the weak points and invented his own version with many more functions.

He concentrated on the structure of the vessel, which needed to be reinforced to keep the cannon firmly in the middle.



Item #	UPC #	Case Pack
EDU-61023	769188610233	8 / Box



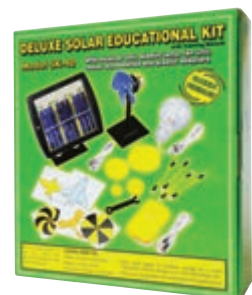
Solar Kits

Solar Deluxe Educational Kit Model SK-40

Ages 8 & up



Children can do a series of do-it-yourself experiments to acquire the basic knowledge of solar energy with this kit. They will learn how to make an electrical circuit, make a solar circuit, how to increase voltage and current, and how to use solar power to produce energy for a radio, calculator, battery charger, a cassette player and more!



Item #	UPC #	Case Pack
SK-40	756619002668	20 / Box



Solar Kits

The following warning pertains to all products on this page:
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Solar Kits

6-in-1 Solar Kit Model EDU-38006

- Construct six different motor driven solar models
- Complete easy to read instruction manual
- Explore how solar power works
- Hours of fun constructing models
- No batteries required



Item #	UPC #	Case Pack
EDU-38006	756619007939	12 / Box

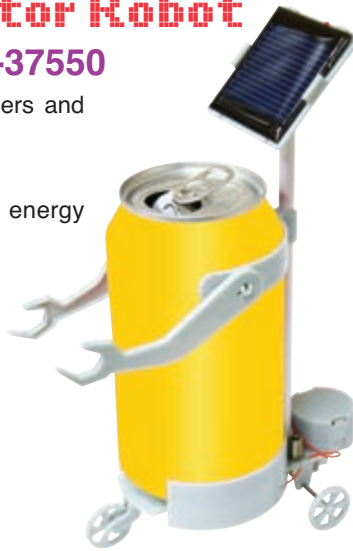


Ages 8 & up

Solar Can Motor Robot Model EDU-37550

- Designed for future engineers and environmentalists.
- Solar Powered.
- Demonstrates alternative energy principles.

Ages 6 & up



Item #	UPC #	Case Pack
EDU-37550	769188375507	10 / Box

Solar Bottle Motorboat Model EDU-37551

- A simple kit designed for future engineers and environmentalists.
- Assemble a powerful solar bottle boat with used plastic bottles.
- See how the solar panel generates power!

Ages 6 & up



Item #	UPC #	Case Pack
EDU-37551	769188375514	10 / Box



Photon Solar Racer Kit Model AK-590

Learn all about solar energy and how to convert it to useful applications. You will build this exciting sleek solar car that runs on a high efficiency solar cell. Have your friends build one too and have fun racing them. No soldering required. The solar car comes in clear plastic. The car can be painted any color scheme that you desire (paint is not supplied). Photo is painted to illustrate how your car could look. The car can also run on two (2) "AA" batteries.



Ages 9 & up



Item #	UPC #	Case Pack
AK-590	021419565614	12 / Box



Solar F1 Model 21-667



- Construct a motorized DIY project using power from a solar cell or one "AAA" battery.
- Learn how motors and automotive transmissions work.
- Includes a solar cell, plastic body, gears, shafts, motor, and all necessary parts.
- Requires one (1) "AAA" battery.

Item #	UPC #	Case Pack
21-667	756619010038	48 / Box



Ages 10 & up



OWI KIT[®]



Handheld • No Soldering

Magnetic Levitation Train

Model OWI-633

Empower your children with the knowledge to make our world a better place to live. OWI has fabricated an intricate magnetic levitation train kit to engage curiosity and awareness. It's amazing, OWI's Magnetic Levitation Express uses magnetic levitation technology for this exciting new kit. Electromagnet, propulsion magnets and levitation magnets are used to create propulsion. These scientifically placed magnetic strips are built in the side of guideway to allow the Magnetic Levitation Express to hover stably and run smoothly at high speeds. Magnetic Levitation Express is the best choice for children to experiment how Maglev trains are built and work. Speed, pollution-free, and quiet, Magnetic Levitation Express is tomorrow's technology in use today.



Item #	UPC #	Case Pack
OWI-633	092087686338	10 / Box



Ages 10 & up



Captain Roam-E-O

Model OWI-MSK684

Navigating planet Earth on two legs or less is a humanistic challenge. After failing to find love on Mars, OWI's CAPTAIN ROAM-E-O has landed on our native soil to show us its roving glory. CAPTAIN ROAM-E-O has a fantastic planetary gear transmission system and adjustable robotic arms to add more layers of fun. Harnessing the power of the sun, CAPTAIN ROAM-E-O is ready to take you on your next journey.

Ages 8 & up

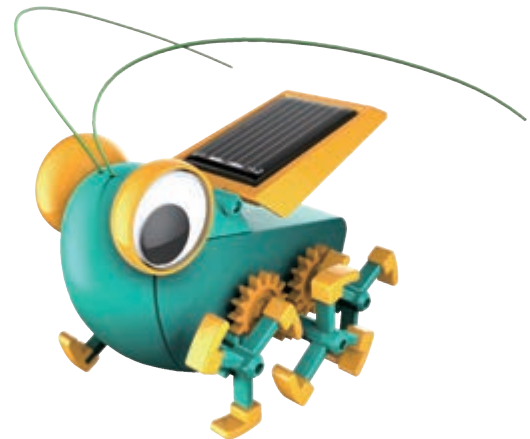
Item #	UPC #	Case Pack
OWI-MSK684	092087696849	32 / Box



Detective Bug-See

Model OWI-MSK683

Full of investigative curiosity, OWI's Detective BugSee will march its way seeking valuable clues when activated by the power of the sun. With direct sunlight, this little fella will keep strutting and strutting with more vigor than you could imagine. Pick up more than one and you will have an army of private EYES inching you closer to solving the mysterious quandary of environmental sustainability.



Item #	UPC #	Case Pack
OWI-MSK683	092087696832	48 / Box



Ages 8 & up



Wild Boar

Model OWI-MSK682

In rural settings, people are urged not to leave rubbish to easy access of wild boars, but OWI's Solar Wild Boar is a fun-loving solar kit that smiles as it klippy-klocks around any mess. The Solar Wild Boar's appetite comes to life on sunny days making it the perfect outdoor companion.

Item #	UPC #	Case Pack
OWI-MSK682	092087696825	48 / Box



Ages 8 & up



Handheld • No Soldering

Air Power Racer Kit Model OWI-631

This car is fast and furious fun that requires no batteries or specific weather conditions to limit its usage. A pump-up bar with a pressure meter is built into the car for easy operation. The air chamber is made from PET (polyethylene terephthalate), The silicon tube creates an air tight fit. A safety valve has been implemented into the kit as another safety device. When the compressed air is released it drives the vehicle a distance up to 50 meters in 35 seconds. OWI's Air Power Racer is not only designed with the environment in mind, but is also fun and easy to build!



Ages 10 & up



Item #	UPC #	Case Pack
OWI-631	092087696313	15 / Box



OWI KITS

6-in-1 Educational Solar Kit Model OWI-MSK610

Mini Solar building kits teach children the benefits of solar energy while they create a toy that is both fun to play with and requires no batteries. Newest member of this popular line is the 6-in-1 Educational Solar Kit, an excellent beginner building kit designed to teach how solar power is used to drive a small motor. Children use the 21 snap-together parts (no tools required) to build six different working models including an airboat, windmill, puppy, and two different planes.

Solar battery included.



Item #	UPC #	Case Pack
OWI-MSK610	092087676100	32 / Box

14-in-1 Solar Kit Model OWI-MSK615 (Solar Power)

The solar powered robot can be transformed into 14 different robot modes which include a multitude of comical and functional movements. The user can easily change from a wagging-tail dog -> running beetle -> walking crab -> surfer -> speedster -> zombie chaser.



Ages 10 & up



Item #	UPC #	Case Pack
OWI-MSK615	092087676155	18 / Box

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
 Small parts. Not for children under 3 years.

7-in-1 Solar Rechargeable Solar Transformers Model OWI-MSK640

The 7-in-1 comes with all snap plastic parts (no screws or tools required), solar panel, and accessories. It is easy to assemble the seven different modules: two power charging stations and five different vehicles.

The transforming rechargeable station has two output plugs – one for solar recharging and the other for battery recharging.

Ages 6 & up

Item #	UPC #	Case Pack
OWI-MSK640	092087696405	32 / Box



OWKIT

Solar Space Fleet Model OWI-MSK641 (Solar Power)



The Solar Space Fleet Kit is an innovative solar powered science kit that can transform into seven different lunar modules and energized via direct sunlight or micro rechargeable battery. The kit can be powered by either a solar panel or a micro rechargeable battery (both are included in the kit). The micro rechargeable battery can be charged in two ways. One is charged by direct sunlight, and the other is charged by alkaline batteries. Requires three (3) "AAA" batteries.

Ages 10 & up



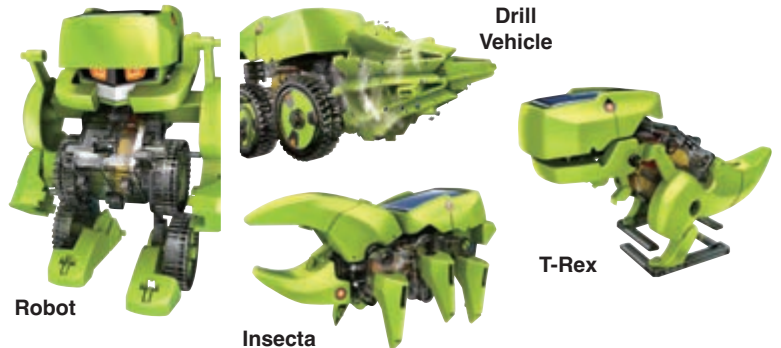
Item #	UPC #	Case Pack
OWI-MSK641	092087676412	32 / Box

T4 Transforming Solar Robot Model OWI-MSK617 (Solar Power)

This kit gives your child the option to easily transform between one of four different modes: Robot – walking legs as well as moving wheels, Insecta – 6 walking legs as well as moving jaws, T-Rex – 2 walking legs and moving jaws, and Drill Vehicle – similar to a miner's driller/drilling bit and moving wheels.

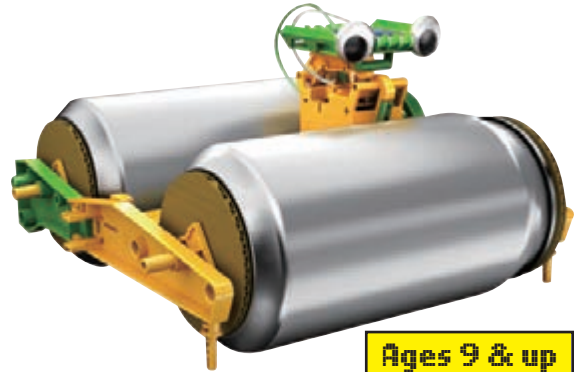


Item #	UPC #	Case Pack
OWI-MSK617	092087696177	32 / Box



Super Solar Recycler Model OWI-MSK616 (Solar Power)

The Super Solar Recycler Kit is powered completely by natural light so you never have to worry about batteries! Your children can recycle a can of their favorite soft drink to create Street Roller and Walking Robot, create Bottle Yacht, Drummer Robot and Flying Bird using a plastic water bottle, and even turn your old scratched CDs into the super cool CD Racer.



Ages 9 & up

Item #	UPC #	Case Pack
OWI-MSK616	092087696160	20 / Box



Walking King Crab Model OWI-MSK669 (Solar Power)

Methodically, eight legs work in harmony to create a ballet style "tippy-toe" movement. Similar to its cousin from Alaska, the sun's rays will make it scurry along to safe passage.



Item #	UPC #	Case Pack
OWI-MSK669	092087676698	48 / Box

Ages 10 & up

The Solar System Model OWI-MSK679 (Solar Power)

Planets orbit around the solar-paneled "sun" that drives a motor so the planets actually move. The kit comes with 6 colors of opaque acrylic paint, plus brush—which makes for the perfect exercise in science and creativity.



Specifications
Solar Panel Output: 75mA
Assembled Size: 9 7/8" (diameter) x 3 5/8"(H)



Item #	UPC #	Case Pack
OWI-MSK679	092087676797	32 / Box



Rookie Solar Racer V2 Model OWI-MSK681 (Solar Power)

Let's work together to be a part of the larger conversation of energy efficiency and celebrate environmental friendliness and substantiability. Empower your children with the knowledge to make our world a better place to live. With that concept. OWI has fabricated a simple mini solar kit to engage curiosity and awareness.



Ages 8 & up



Item #	UPC #	Case Pack
OWI-MSK681	092087696818	60 / Box



Handheld • No Soldering

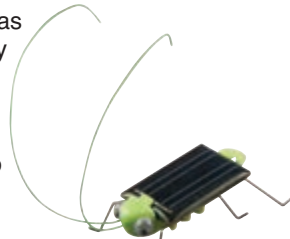
Solar Kits

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
Small parts. Not for children under 3 years.

Frightened Grasshopper Model OWI-MSK670 (Solar Power)

Eyes jiggle, legs wiggle, and antennas sway to-and-fro. This frolicking fancy is easy to assemble and demonstrates an alternative energy principle. No batteries or tools required and less than ten parts to snap together.

Ages 10 & up



Item #	UPC #	Case Pack
OWI-MSK670	092087676704	100 / Box



Super Solar Race Car Model OWI-MSK671 (Solar Power)

ZOOOOOMMM! Super Solar Racing Car has surprising speed. One source of such power is derived from the sun's powerful rays of light. No batteries and tools required and less than a dozen parts to assemble.

Ages 10 & up



Item #	UPC #	Case Pack
OWI-MSK671	092087676711	100 / Box



Happy Hopping Frog Model OWI-MSK672 (Solar Power)

Almost comical, this little green amphibian friend leaps with a joyful sense of freedom. The tailless, leaping mini solar kit is activated by the power of the sun's rays; no batteries required.

Ages 9 & up



Item #	UPC #	Case Pack
OWI-MSK672	092087676728	48 / Box



Sonic F1 Model OWI-MSK674 (Solar Power)

- An educational tool that teaches alternative energy concepts.
- Eight plastic parts to assemble.
- It consumes no fossil resources.
- No batteries required.

Ages 10 & up



Item #	UPC #	Case Pack
OWI-MSK674	092087676742	48 / Box



Green Life Model OWI-MSK690 (Solar Power)

Kids can build an eco-friendly and Green Life future. They can see the benefits of putting solar energy to work and discover how solar cells generate electricity from light. The kit consists of a powerful solar cell, rechargeable battery (included), house, and car.

Ages 10 & up



Item #	UPC #	Case Pack
OWI-MSK690	092087696900	32 / Box



Penguin Life Model OWI-MSK691 (Solar Power)

Kids can build an eco-friendly penguin habitat. They can see the benefits of putting solar energy to work and discover how solar cells generate electricity from light. The kit consists of a powerful solar cell, rechargeable battery (included), igloo, and penguin.

Ages 9 & up



Item #	UPC #	Case Pack
OWI-MSK691	092087696917	32 / Box



Salt Water Kits

Salt Water Fuel Cell Baja Runner Model OWI-754

The Salt Water Fuel Cell Baja Runner Kit is OWI's fifth generation to its growing line of Salt Water Fuel Cell kits. How does this eco-friendly technology work? After activating the magnesium fuel cell module with a saltwater mixture, the chemical reaction generates electricity using salt water as an electrolyte to power the on-board motor. The magnesium metal sheet can operate the Salt Water Fuel Cell Baja Runner for about 5-7 hours continuously. Children age ten and up, and conscientious parents will be awed by the remarkable simplicity.

Ages 10 & up



Item #	UPC #	Case Pack
OWI-754	092087697549	48 / Box



OWMKIT

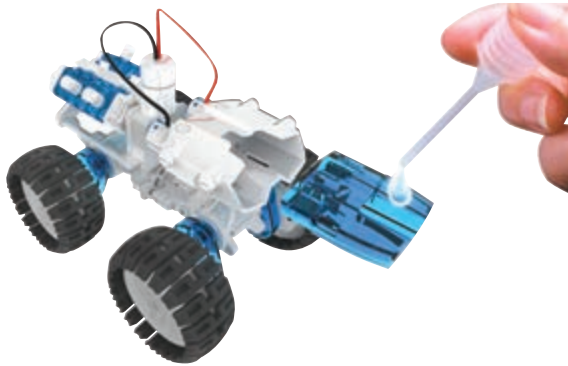
Salt Water Fuel Cell Motorcycle

Model OWI-753

Environmentally safe, non-toxic and clean. The Salt Water Fuel Cell Motorcycle the first motorcycle to be powered by saltwater. The Salt Water Fuel Cell Motorcycle gives children a chance to learn about new forms of clean energy, while building and powering their very own toy: Just add saltwater and go.



Item #	UPC #	Case Pack
OWI-753	092087697532	32 / Box



Salt Water Fuel Cell Monster Truck

Model OWI-752

The Salt Water Fuel Cell Monster Truck Kit is fuelled by salt water and is equipped with four-wheel drive mechanical construction. Each monster wheel can change its angle individually and the truck can change its height and shape. Forward and reverse...no problem; simply switch the "positive and negative" connectors.



Item #	UPC #	Case Pack
OWI-752	092087697525	32 / Box

Salt Water Fuel Cell Giant Arachnid

Model OWI-751

This environmentally and kid-friendly concept reflects the new, cleaner ways we think about automobile production and demonstrates first hand to children a more effective utilization of our natural resources.



Item #	UPC #	Case Pack
OWI-751	092087697518	32 / Box



Salt Water Fuel Cell Car

Model OWI-750

Environmentally safe, non-toxic and clean. The Salt Water Fuel Cell Car is the first car to be powered by saltwater. The Salt Water Fuel Cell Car gives children a chance to learn about new forms of clean energy, while building and powering their very own toy: Just add saltwater and go!



Item #	UPC #	Case Pack
OWI-750	092087697501	48 / Box



All require assembly, but no soldering

Arm Kits

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
Small parts. Not for children under 3 years.

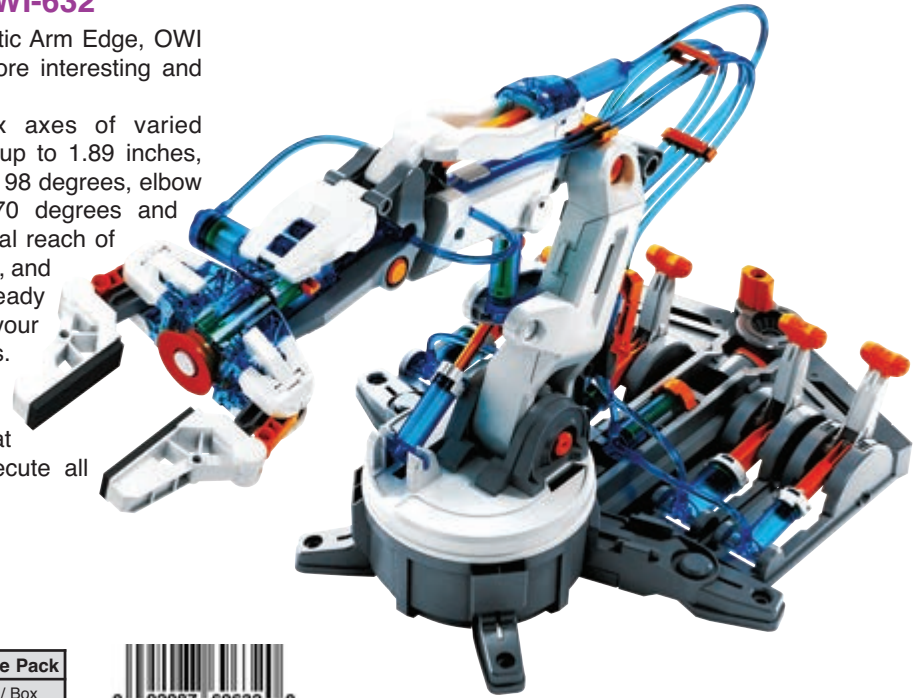
Ages 10 & up

OWI
KITS

Hydraulic Arm Edge Model OWI-632

Riding the wings of the award winning Robotic Arm Edge, OWI has made robotic arm technology a little more interesting and hydro-mechanically fun.

With Hydraulic Arm Edge, command six axes of varied movements: the gripper to open and close up to 1.89 inches, wrist rotation of 180 degrees, wrist mobility of 98 degrees, elbow range of 44 degrees, base rotation of 270 degrees and shoulder motion of 45 degrees. With a vertical reach of 16.35 inches, horizontal reach of 12.42 inches, and lifting capacity of 50g, your robotic friend is ready for your genius to erupt. With the removal of your gripper, you can activate the suction apparatus. this feature enables the users to elevate objects with a larger surface area. Another prodigious attribution is a braking system that is integrated in the lever controllers to execute all commands.



Item #	UPC #	Case Pack
OWI-632	092087696320	8 / Box



Robotic Arm Edge Model OWI-535

Command the gripper to open and close, wrist motion of 120°, an extensive elbow range of 300°, base rotation of 270°, base motion of 180°, vertical reach of 15 inches, horizontal reach of 12.6 inches, and lifting capacity of 100g. Some of the added features include a search light design on the gripper and a safety gear audible indicator is included on all five gear boxes to prevent any potential injury or gear breakage during operation. Requires four (4) "D" batteries. Dimensions: 9" (H) x 6.3" (W) x 15" (L)



USB Interface Cable & Software

Model OWI-535USB

Have real time manual control of the robotic arm and program the arm to perform a sequence of movements.



Item #	UPC #	Case Pack
OWI-535USB	092087535872	42 / Box



OWI Robot Experiments Curriculum

Model EXP-535 (OWI-535 curriculum only)

This curriculum when combined with OWI KIT robots creates numerous and flexible educational opportunities for students. Answer keys provided. This is a flexible robotics curriculum for individual student use, home schools, science museums, and schools. CD is Mac and PC compatible.



Item #	UPC #	Case Pack
OWI-535	092087695354	8 / Box

OWKIT[®] Robot Kits

All require assembly, but no soldering

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
 Small parts. Not for children under 3 years.

OWKITS



3-in-1 All Terrain Robot Model OWI-536

- Put it together, take it apart, make another module
- No soldering required
- Utilize different track modules and make your robot transform into 3 amazing variations
- It's all about flexibility, and intelligent thinking

Item #	UPC #	Case Pack
OWI-536	092087695361	8 / Box

Ages 6 & up



EM4 Robot Model OWI-891

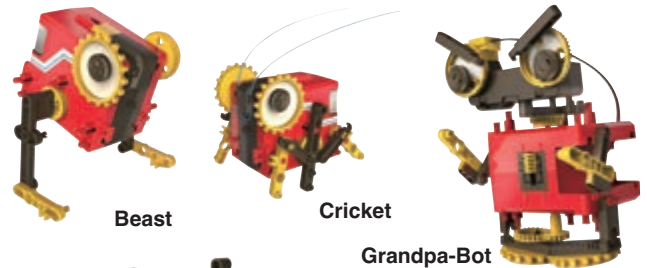
A boost in confidence—the EM4 Educational Motorized Robot Kit is your 3-speed vehicle to positively impact a young builder by using OWI's robotics theory. OWI has designed this kit for the lovers of simplicity. Everything from its compact easy-assembly design to its need for only one "AA" battery provides your child with a fun and easy-to-assemble robotic playmate.

Requires one (1) "AA" battery.

Item #	UPC #	Case Pack
OWI-891	092087698911	20 / Box



Ages 6 & up



Kingii Dragon Robot Kit Model OWI-892

Kingii Dragon Robot has an infrared sensor that is programmed to "escape" or "follow-me". If the infrared sensor is activated in the "escape" mode the robot will automatically scurry away until it escapes to a safe distance. If the infrared sensor is switched to the "follow-me" mode then the robot will assess danger by bluffing the attacker. When the robot does not sense danger it will follow you like a pet lizard.



Ages 8 & up



Item #	UPC #	Case Pack
OWI-892	092087698928	14 / Box

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
 Small parts. Not for children under 3 years.

Ages 10 & up

OWI[®] Mega Mantis

Model OWI-351 (Aluminum Kit)

- Build an amusing aluminum praying mantis insect
- Easy to understand kid friendly step-by-step instructions
- Hold it, bend it, and even move its legs, wings, head, and fore legs
- No soldering required



Item #	UPC #	Case Pack
OWI-351	092087693510	70 / Box



OWI[®] Samurai Scorpion

Model OWI-352 (Aluminum Kit)

- Build an amusing aluminum Samurai Scorpion
- Easy to understand kid friendly step-by-step instructions
- Its claws, arms, legs, and tail are all moveable
- Body consists of eight legs, tail and curved stinger
- No soldering required



Item #	UPC #	Case Pack
OWI-352	092087693527	70 / Box



OWI[®] Rhino Beetle

Model OWI-353 (Aluminum Kit)

- Build an amusing aluminum Rhino Beetle
- Easy to understand kid friendly step-by-step instructions
- Rhino Beetle's legs, wings, and horn are all moveable
- Easily to assemble from metal and bendable aluminum parts
- No soldering required



Item #	UPC #	Case Pack
OWI-353	092087693534	70 / Box



OWI[®] T-Rex

Model OWI-371 (Aluminum Kit)

- Build an entertaining, aluminum T-Rex
- Easy to understand kid friendly step-by-step instructions
- Excellent kit for aspiring paleontologists
- Easily to assemble from metal and bendable aluminum parts
- No soldering required



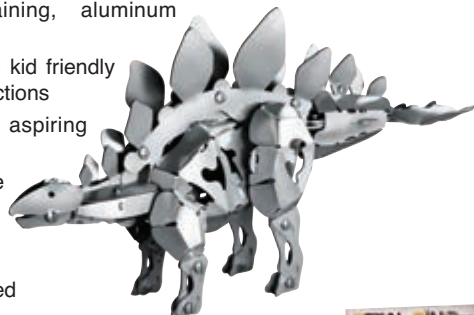
Item #	UPC #	Case Pack
OWI-371	092087693718	70 / Box



OWI[®] Stegosaurus

Model OWI-372 (Aluminum Kit)

- Build an entertaining, aluminum Stegosaurus
- Easy to understand kid friendly step-by-step instructions
- Excellent kit for aspiring paleontologists
- Easily to assemble from metal and bendable aluminum parts
- No soldering required



Item #	UPC #	Case Pack
OWI-372	092087693725	70 / Box



OWI[®] Triceratops

Model OWI-373 (Aluminum Kit)

- Build an entertaining, aluminum Triceratops
- Easy to understand kid friendly step-by-step instructions
- Excellent kit for aspiring paleontologists
- Easily to assemble from metal and bendable aluminum parts
- No soldering required



Item #	UPC #	Case Pack
OWI-373	092087693732	70 / Box



The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 12 & up

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°F to 900°F. It will provide the correct temperature for the broad range of electronic components that are present in today's electronic equipment. Requires one (1) 9V battery. **This kit requires soldering.**



Cardboard carrying case with handle included!

- SL-75 Variable temperature station with conical tip
- SL-75T2 Extra wedge tip
- SP-1A Solder practice kit
- ST-1 Side cutting pliers
- SE-1 Solder ease kit

Item #	UPC #	Case Pack
SK-175	756619008127	5 / Box



Hands-on Basic Electronics Kit Model SKM-250

A basic hands-on kit that introduces you to good soldering techniques while working on state-of-the-art printed circuit board circuits. You will learn the basics of digital multimeters and circuit troubleshooting.

Some of the features of this kit are as follows: Identifying components, color-code reading exercises, resistors, capacitors, and inductors; includes color code calculator (Model CC-100); 163 solder points, standard soldering connections, close-tolerance soldering, and tack soldering; complete voltage and resistance analysis of circuit; desoldering exercise. Requires two (2) 9V batteries. **This kit requires soldering.**



Cardboard carrying case with handle included!

Color Code Calculator Model CC-100

- SL-75 Variable temperature station with conical tip
- SL-75T2 Extra wedge tip
- M-1000E Digital multimeter
- SP-3B Solder practice kit
- ST-3 Adjustable wire stripper cutter
- SE-1 Solder ease kit

Item #	UPC #	Case Pack
SKM-250	756619008202	5 / Box



Surface Mount Technology Soldering Program with Tools Model SK-300

Almost all new electronic products utilize SMT design and components. These parts are extremely small, different, and require proper tools and techniques to solder them onto the circuit board. This kit will give you that hands-on training.



Cardboard carrying case with handle included!

- SL-75 48W Solder station with soldering iron and how to solder manual
- SL-75T2 Extra wedge tip
- SM-200K Surface Mount Technology (SMT) training kit with detailed instruction manual
- HH-60 Deluxe helping hand
- SP-4 Desoldering pump
- ST-22 Safety spectacles
- ST-83 4pc. Non-conductive tweezer set
- ST-84 Universal tweezer
- ST-110 Hook and scraper

Item #	UPC #	Case Pack
SK-300	756619009520	5 / Box



The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
 Small parts. Not for children under 3 years.

No Soldering

Ages 14 & up

Robot Kits

Robot Beetle

Model 21-534N

The Beetle is an infrared remote control kit. Its microprocessor provides four different channels that allow up to four Beetles to operate at the same time. Two motors operate the open, close, lift and lower functions of the large pinchers in the front. The Beetle moves using six wheels that can move forward, backward, right and left. This kit is ideal for learning about gear structure, motor principles, and electronic circuits. Requires four (4) "AA" batteries and four (4) "AAA" batteries.



Item #	UPC #	Case Pack
21-534N	756619006369	18 / Box

Follow Me

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. Requires four (4) "AAA" batteries.



Item #	UPC #	Case Pack
21-887	756619006277	24 / Box



Line Tracking Robot

Model 21-890

The Line Tracking Robot will follow a black line drawn on white paper by using two photo interrupters.

Create different routes with black electronic tape or a black marker and see what your Line Tracking Robot can do!

Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
21-890	756619006284	24 / Box



The following warning pertains to all products on this page:
 WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 14 & up

SOLDERING REQUIRED

Robot Kits

Scarab Robot Kit Model 21-884

Scarab is a robot that makes use of two touch sensors to detect obstacles. When its antennal (touch sensor) detects an object in its path, Scarab will go backward first and automatically follow a two-step maneuver to help it overcome the obstacle, which can be a combination of "Left Turn", "Right Turn", "Reverse", or "Stop". The Scarab robot can be configured with different sets of movements. Requires four (4) "AAA" batteries.



Item #	UPC #	Case Pack
21-884	756619007281	24 / Box

Ladybug Robot Kit Model 21-885

Ladybug Robot moves with its six legs and makes use of infrared emitting diodes as its "eyes" to avoid obstacles along its path. Ladybug automatically makes a left turn the moment it detects an object in its path. It continues to move forward after that if there is no shadow in front of the sensor. The design of the Ladybug, which is based on two sets of legs, enables it to perform different sets of movements, thereby providing endless fun and excitement. Requires four (4) "AAA" batteries.



Item #	UPC #	Case Pack
21-885	756619007298	24 / Box

Escape Robot Kit Model 21-886

Escape Robot kit works just like an A.I. robot. It never fails to find its way out of a maze. The Escape Robot makes use of three infrared emitting diodes and one infrared receiving module to send and receive signals and detect obstacles. Escape Robot has a built-in microprocessor which enables it to "think" on its own, as it processes information about its environment and maneuvers itself around obstacles. Escape Robot moves on six legs. The kit comes complete with two sets of differently designed legs, which provides endless fun and excitement with its different sets of movements. Requires four (4) "AAA" batteries.



Item #	UPC #	Case Pack
21-886	756619007304	24 / Box

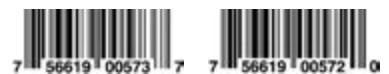
NO SOLDERING

Titan Tank Kit Model 21-531N Model 21-531N2 (twin pack)

The Titan Tank is an infrared remote control kit. Its microprocessor provides four different channels that allow up to four Titans to fight each other at the same time. Makes a sound when shooting and when it is hit. The Titan moves using six wheels that can move forward, backward, right and left. Requires four (4) "AA" batteries and four (4) "AAA" batteries.



Item #	UPC #	Case Pack
21-531N	756619005720	18 / Box
21-531N2	756619005737	8 / Box



The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 14 & up

SOLDERING REQUIRED

These new robots are designed to introduce students into the exciting world of electronics! Designed with high schools and technical colleges in mind, these robots come complete with detailed instructions. These kits require soldering and make great class projects for beginners!

Line Tracking Mouse Kit Model 21-880

How Magical! A smart robot mouse tracks a black line using a photo interrupter for its eyes.

How Funny! Create a twisting and turning road layout yourself with black tape on a white background. Requires four (4) "AA" batteries.



Features:

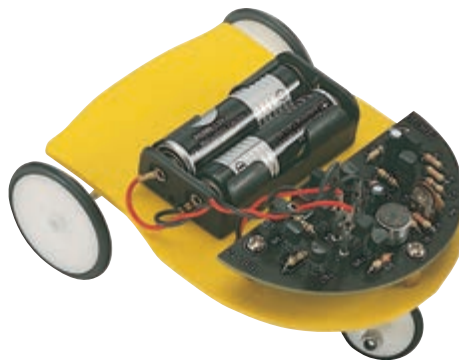
- Sound activated
- Programmed IC
- Uses three photo interrupters to detect a black line.
- Two sets of gear motors (unassembled)



Item #	UPC #	Case Pack
21-880	756619002286	24 / Box

Sound Reversing Car Kit Model 21-881

A robot car with a sensor to detect noise (like a clap) or physical contact for its reaction. It moves forward when it detects noise and reverses when it touches obstacles. Requires two (2) "AA" batteries.



Features:

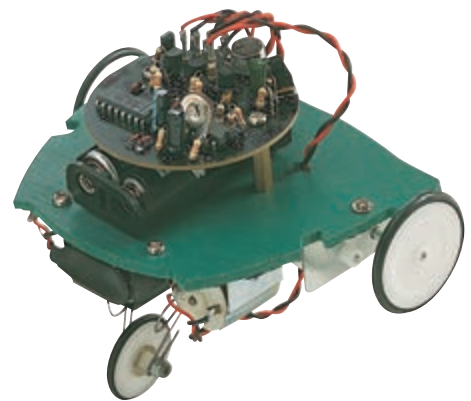
- Uses a microphone as a sound sensor.



Item #	UPC #	Case Pack
21-881	756619002309	42 / Box

Turning Frog Kit Model 21-882

This is an interesting robot kit. When it detects sounds, it will move and repeat the following steps sequentially: Start (move forward), Stop, Left Turn, Stop, Right Turn, Stop. Requires one (1) 9V and two (2) "AA" batteries.



Features:

- Two sets of gear motors (unassembled).



Item #	UPC #	Case Pack
21-882	756619002323	42 / Box

Robot Kits

GEARBOX KITS

2-in-1 Gearbox

(Unassembled)

Model 21-130

We provide the motor, two sets of gears, metal shafts, gearbox, and other accessories in this kit. Use a different gear setting and you will have a different speed (see the table below for details).

Gear Set 1:

Gear Ratio	Gear	Teeth	I.D.
1:80	Pinion Gear	10T	1.9mm
	Face Gear	36T/14T	2.05mm
	Double Spur Gear	36T/14T	3.05mm
	Double Spur Gear	36T/14T	2.05mm
	Spur Gear	36T/10T	2.9mm
Reduction RPM	41.6		

Gear Set 2:

Gear Ratio	Gear	Teeth	I.D.
1:288	Pinion Gear	8T	1.9mm
	Face Gear	36T/10T	2.05mm
	Double Spur Gear	40T/10T	3.05mm
	Double Spur Gear	40T/10T	2.05mm
	Spur Gear	40T/10T	2.9mm
Reduction RPM	41.6		



Item #	UPC #	Case Pack
21-130	756619002361	48 / Box





Spring Hook-up Method

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
 Small parts. Not for children under 3 years.

Radio Kits

No Soldering

Ages 8 & up

Radio Kits

Electronic AM Radio Kit

Model MX-901A

- Learn and build your own AM Radio Kit - it's easy, it's fun and it's safe!
- Tune in your favorite AM radio stations - receives 520 - 1650kHz band.
- Easy-to-read illustrated operating manual included.
- Safe, solderless, exciting, educational, and fun.
- Requires one (1) 9V battery.



Item #	UPC #	Case Pack
MX-901A	756619001906	48 / Box

Electronic AM/FM Radio Kit

Model MX-901AF

- Learn and build your own AM/FM Radio Kit - it's easy, it's fun and it's safe!
- Tune in your favorite AM/FM radio stations - receives 520 - 1650kHz band and 88 - 108MHz band.
- Easy-to-read illustrated operating manual included.
- Safe, solderless, exciting, educational, and fun.
- Requires one (1) 9V battery.



Item #	UPC #	Case Pack
MX-901AF	756619001913	24 / Box

Electronic Crystal Radio Kit

Model MX-901C

- Safe, solderless, educational, and fun!
- Easy-to-read instructions included.
- Crystal diode converts RF to audio
- Tune in your favorite AM stations!
- Learn how radios work
- Includes earphone
- No batteries required!



Item #	UPC #	Case Pack
MX-901C	756619002002	24 / Box

Electronic FM Radio Kit

Model MX-901F

- Learn and build your own FM Radio Kit - it's easy, it's fun, and it's safe!
- Tune in your favorite FM radio stations - receives 88 - 108MHz band.
- Easy-to-read illustrated operating manual included.
- Safe, solderless, exciting, educational, and fun.
- Requires one (1) 9V battery.



Item #	UPC #	Case Pack
MX-901F	756619001920	24 / Box

Electronic Short Wave Radio Kit

Model MX-901SW

- Learn and build your own Short Wave Radio Kit - it's easy, it's fun, and it's safe!
- Explore the fascinating world of short wave radio!
- Receives band from 6 - 8MHz (SW1) and 12 - 18MHz (SW2).
- Easy-to-read illustrated operating manual included.
- Safe, solderless, exciting, educational and fun.
- Requires one (1) 9V battery.



Item #	UPC #	Case Pack
MX-901SW	756619001937	24 / Box

Action Labs

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
 Small parts. Not for children under 3 years.

No Soldering

Ages 8 & up

Electronic Bell Action Kit Model MX-510B



- Build your own electric-powered BELL KIT. It's easy, it's fun, it's safe!
- Discover how an electric bell is constructed and how it's made to ring.
- Easy-to-read, illustrated operating manual included.
- Safe, solderless, exciting, educational, and fun.
- Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
MX-510B	756619005560	48 / Box

Generator Action Kit Model MX-510G



- Build your own operating GENERATOR KIT. It's easy, it's fun, it's safe!
- Find out how a generator makes the electricity that makes things work.
- Easy-to-read, illustrated operating manual included.
- Safe, solderless, exciting, educational, and fun.



Item #	UPC #	Case Pack
MX-510G	756619005577	48 / Box

Electronic Motor Action Kit Model MX-510M



- Build your own electric-powered MOTOR KIT. It's easy, it's fun, it's safe!
- Control motor's forward / reverse rotation with power.
- Color mixing with rotating color disc.
- Easy-to-read, illustrated operating manual included.
- Safe, solderless, exciting, educational, and fun.
- Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
MX-510M	756619005591	48 / Box

Electronic Motor & Generator Action Kit Model MX-902T



- Safe, solderless, educational, and fun!
- Easy-to-read, illustrated, lab-style manual included.
- Build your own operating motor - it's easy, it's fun, it's safe!
- Find out how a generator makes the electricity that makes things work.
- Requires two (2) "AA" batteries.



Item #	UPC #	Case Pack
MX-902T	756619001982	48 / Box



Motor



Meter



Bell



Generator

4-in-1 Action Kit Lab Model MX-902

- Safe, solderless, educational, and fun!
- Easy-to-read, illustrated, lab-style manual included.
- Discover how an electric bell is constructed and how it's made to ring.
- Build your own operating motor - It's easy, it's fun, it's safe!
- Find out how a generator makes the electricity that makes things work.
- Meter measures the amount of electricity used in your experiments.
- Requires two (2) "AA" batteries.



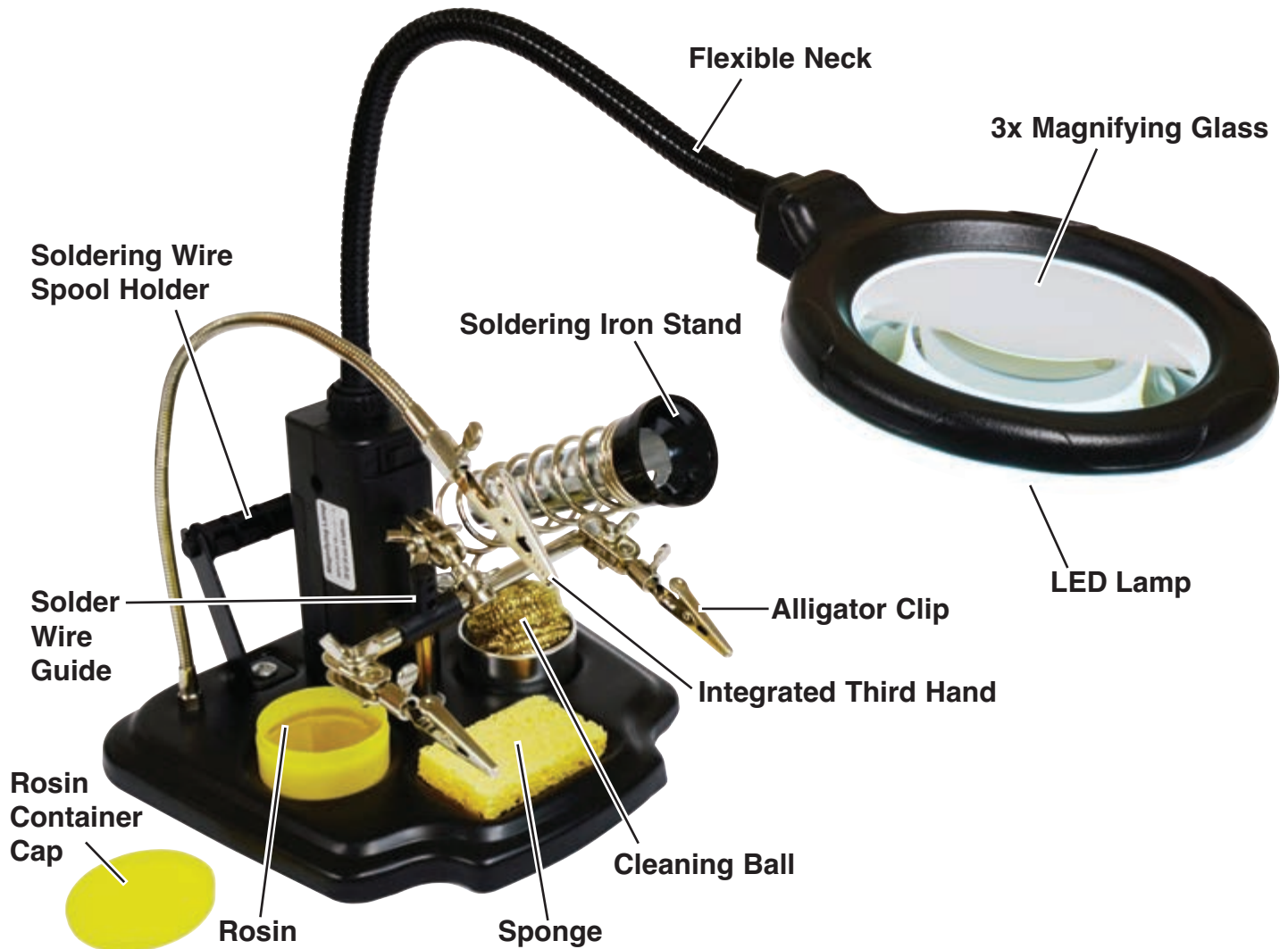
Item #	UPC #	Case Pack
MX-902	756619001739	24 / Box



LED Magnifying Lamp with Third Hand
Model ZD-10Y

This multi-purpose tool offers an excellent all around solution, ideal for working on small PC boards, components, soldering, etc. The magnifying lamp with integrated third hand is intended for illuminating work areas and it is equipped with a magnifying glass. This device also comes with soldering iron stand, alligator clips, soldering wire spool holder, sponge, rosin, as well as cleaning ball, to help with soldering. It can be powered either by four (4) "AA" batteries (not included) or an external power adaptor.

WEmake™



Item #	UPC #	Case Pack
ZD-10Y	75661901067	8 / Box

Specifications

Magnifying glass lens size: 3.5" ∅ (90mm)
 Magnification: 3x
 LED illumination: 16 LEDs
 Neck length (for magnifying glass): 10.4" (250mm)
 Sponge size: 1.2" x 2.0" (30 x 50mm)
 Rosin: 10g
 Base size: 7.5" x 6.7" (190 x 170mm)



LEARN TO SOLDER KITS

TWO IC FM RADIO KIT W/ TOOLS

Model WMSK200

The WMSK200 includes a 25W soldering iron with stand, side cutters, safety spectacles, and an FM-88K Two IC (integrated circuit) Radio soldering kit. This kit includes everything you need to build a functional FM radio receiver.



Item #	UPC #	Case Pack
WMSK200	756619011653	8 / Box



FLASHING EUROPEAN SIREN

Model AK-100

This kit is a must for the beginner. After practicing your soldering techniques on the special area of the board, you'll be ready to assemble this European siren with flashing LEDs. This kit also includes a soldering iron and wire cutters. Requires one (1) 9V battery. **This kit requires soldering.**



Item #	UPC #	Case Pack
AK-100	756619910000	12 / Box

WE make™



WE make™ Tools are specially developed for the “Maker” culture.

From the beginner to intermediate hobbyist. Affordable, quality tools for easy use and multiple applications.

HELPING HAND W/ MAGNIFYING GLASS

Model HH-55

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



Item #	UPC #	Case Pack
HH-55	756619005164	20 / Box



SAFETY GOGGLES

Model WMSG20



- Contours to head
- Soft vinyl frame
- Ventilated
- Safety approved



Item #	UPC #	Case Pack
WMSG20	756619011585	12 / Box

SOLDERING IRON STAND

Model SH-1

Heavy-duty holder with sponge.



Item #	UPC #	Case Pack
SH-1	756619005126	50 / Box



25W Soldering Iron

Model WMSI200



- 25W Pencil soldering iron
- Stand included
- Conical replacement tip ZD-200CT included
- Wedge replacement tip ZD-200CT2 (sold separately)

Item #	UPC #	Case Pack
WMSI200	756619011608	12 / Box



The following warning pertains to all products on this page:
 WARNING: CHOKING HAZARD. Small parts. Not for children under 3 years.

Ages 12 & up



WE make™ Tools are specially developed for the “Maker” culture.

From the beginner to intermediate hobbyist. Affordable, quality tools for easy use and multiple applications.

WE make™

SILVER SOLDER

Model WMSIL3



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



Item #	UPC #	Case Pack
WMSIL3	756619011363	20/200 / Box

LEAD-FREE SOLDER

Model WMLF993



3-pack. Rosin core, 0.031” diameter 99.3% tin, 0.7% copper. 4.84 g. 5 foot length (each).



Item #	UPC #	Case Pack
WMLF993	756619011547	12 / Box

LEAD-FREE SOLDER 1LB. ROLL

Model WM1LB

Rosin core,
 0.031” dia.
 99.3% tin,
 0.7% copper.



Item #	UPC #	Case Pack
WM1LB	756619011615	12 / Box

DESOLDERING PUMP ANTI-STATIC

Model WMSP4

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

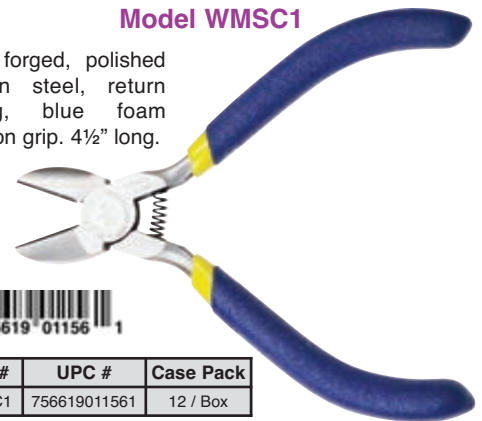


Item #	UPC #	Case Pack
WMSP4	756619011554	12 / Box

SIDE CUTTERS

Model WMSC1

Drop forged, polished carbon steel, return spring, blue foam cushion grip. 4½” long.

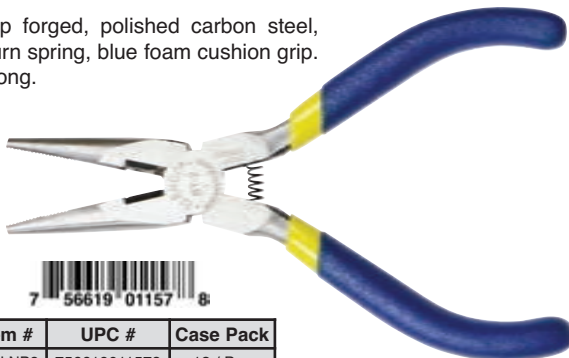


Item #	UPC #	Case Pack
WMSC1	756619011561	12 / Box

LONG NOSE PLIERS

Model WMLNP2

Drop forged, polished carbon steel, return spring, blue foam cushion grip. 5” long.



Item #	UPC #	Case Pack
WMLNP2	756619011578	12 / Box

WIRE STRIPPER

Model WMS30

7-in-1 all-purpose wire stripper, cutter, pliers, and crimper. Cushion grip. Strips AWG 16-26. 6” long.



Item #	UPC #	Case Pack
WMS30	756619011592	12 / Box

Component Kits

for the hobbyist

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
 Small parts. Not for children under 3 years.

Ages 12 & up

Basic Electronic Parts Kit Model CK-1000

The Elenco® CK-1000 Basic Electronic Parts Kit includes a wide variety of basic electronic parts to satisfy almost any training project. Packaged in a handy plastic parts container with 18 compartments.



Note: Package contents may differ slightly from picture.

**Over
 200
 parts!**

Item #	UPC #	Case Pack
CK-1000	756619003535	12 / Box



Learn to Solder Tool Kit Model ST-12ETL

- SR-1N Soldering iron 25W
- SP-4 Desoldering pump
- SW-3 Desoldering wick
- LF-99 Lead-free solder
- SH-2 Soldering iron stand
- How to solder booklet



Item #	UPC #	Case Pack
ST-12	756619001319	30 / Box

Soldering Tool Kit w/ Multimeter Model SK-25

- M-1000E Digital multimeter
- SR-1N Soldering iron 25W
- SP-4 Desoldering pump
- SW-3 Desoldering wick
- LF-99 Lead-free solder
- SH-2 Soldering iron stand
- How to solder booklet



Item #	UPC #	Case Pack
SK-25	756619010175	30 / Box

Two IC AM Radio Kit Model AM-780K



New Design - Easy-to-Build complete radio on a single 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. Detailed instructions and illustrations make it an easy and educationally sound project.

Soldering required



Item #	UPC #	Case Pack
AM-780K	756619001616	50 / Box

Two IC FM Radio Kit Model FM-88K



The ELENCO® FM-88K Kit is a monophonic, two-IC, FM (frequency modulation) receiver designed to receive FM signals in the frequency range (88-108MHz). It uses 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.

Soldering required



Item #	UPC #	Case Pack
FM-88K	756619008011	24 / Box

Component Kits

for the hobbyist

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD
 Small parts. Not for children under 3 years.

Ages 12 & up

Component Kits

1/4W Carbon Film Resistor Kit Model RK-370



Contains five (5) each of 74 standard values, from 1Ω to 10MΩ - 1/4 watt, 5% tolerance, carbon film - 370 pieces total. Packaged in a cardboard organizer box.

Box size: 6" (L) x 3 1/4" (H) x 2" (D)

Item #	UPC #	Case Pack
RK-370	756619009704	48 / Box



1/2W Carbon Film Resistor Kit Model RK-365



Contains five (5) each of 73 standard values, from 1Ω to 1MΩ - 1/2 watt, 5% tolerance, carbon film - 365 pieces total. Packaged in a cardboard organizer box.

Box size: 6" (L) x 3 1/4" (H) x 2" (D)

Item #	UPC #	Case Pack
RK-365	756619003542	48 / Box



Capacitor Kit Model CAPK100



Contains ceramic disc, mylar, and electrolytic-type capacitors. 21 varieties, 100 pieces total - 30 ceramic from 10pF to 470pF, 35 mylar from 0.001μF to 0.220μF, and 35 electrolytic from 1μF to 1000μF. Packaged in a cardboard organizer box.

Box size: 6" (L) x 3 1/4" (H) x 2" (D)

Item #	UPC #	Case Pack
CAPK100	756619008424	14/56 / Box



Combo Kit Model RCK-465



This combo kit contains a resistor kit RK-365 with 5 each of 73 values for a total of 365 pieces and the capacitor kit CAPK100, which contains 21 varieties of capacitors (ceramic, mylar, and electrolytics) for a total of 100 pieces. Altogether, this kit contains 465 pieces.

Each box size: 6" (L) x 3 1/4" (H) x 4" (D)

Item #	UPC #	Case Pack
RCK-465	756619009117	6 / Box



Diode Kit Model DIOK80



Contains an assortment of silicon, zener, germanium, bridge, and switching diodes. 80 pieces total, 20 types. Packaged in a cardboard organizer box.

Box size: 6" (L) x 3 1/4" (H) x 2" (D)

Item #	UPC #	Case Pack
DIOK80	756619009131	48 / Box



LED Assortment Kit Model LEDK80



Contains a variety of types and colors: Small, standard, large, rectangular, bi-color, blinking, ultra bright, red, amber, green, blue, yellow, and white. 80 pieces total, 18 varieties. Packaged in a cardboard organizer box.

Box size: 6" (L) x 3 1/4" (H) x 2" (D)

Item #	UPC #	Case Pack
LEDK80	756619008585	48 / Box



Transistor Kit Model TRAK-100



Contains an assortment of transistors, NPN, PNP, FETs, Darlington, and Power. 100 pieces total, 15 types. Packaged in a cardboard organizer box.

Box size: 6" (L) x 3 1/4" (H) x 2" (D)

Item #	UPC #	Case Pack
TRAK-100	756619009735	48 / Box



Hook-up Wire Kits Model WK-103 Model WK-106



Contains three (3) 25ft. spools of #22 gauge solid wire red, yellow, and black in dispenser box.

Box size: 5 1/2" (L) x 2 1/8" (H) x 2 1/8" (D)

Contains six (6) 25 ft. spools of #22 gauge solid wire red, yellow, black, white, green, and blue in a dispenser box.

Box size: 10 1/2" (L) x 2 1/8" (H) x 2 1/8" (D)

Item #	UPC #	Case Pack
WK-103	756619009391	75 / Box
WK-106	756619009407	25/ 50 / Box





All models are available as interactive 3D instructions viewed either from a PC or from smartphones and tablets through the ENGINO 3D Viewer app, downloadable for free in Android, Apple (iOs) and Windows mobile operating systems. New patented design Increase dexterity and perception of 3D space, Traditional building by stacking bricks, Enhanced creativity by connecting bricks with rods in any direction, Fully compatible with the ENGINO TOY SYSTEM!

All products on this are MAPP Enforced, for more details on the MAPP program see the back of the catalog.

Engino®



4 in 1



Model ENG-QB04



Item #	UPC #	Case Pack
ENG-QB04	756619012018	6 / Box



8 in 1

Model ENG-QB08



Item #	UPC #	Case Pack
ENG-QB08	756619012025	6 / Box





All models are available as interactive 3D instructions viewed either from a PC or from smartphones and tablets through the ENGINO 3D Viewer app, downloadable for free in Android, Apple (iOs) and Windows mobile operating systems. New patented design Increase dexterity and perception of 3D space, Traditional building by stacking bricks, Enhanced creativity by connecting bricks with rods in any direction, Fully compatible with the ENGINO TOY SYSTEM!

All products on this are MAPP Enforced, for more details on the MAPP program see the back of the catalog.



14 in 1

Model ENG-QB14



Engino®

Item #	UPC #	Case Pack
ENG-QB14	756619012032	6 / Box





All products on this are MAPP Enforced, for more details on the MAPP program see the back of the catalog.

The new STEM Heroes series introduces children into the world of STEM disciplines through a completely new and playful approach! Boys and girls can construct one exciting model from each of the small sets, while also learning interesting facts about each theme, presented in the included leaflet and the free app for Android and iOS tablets. Each theme consists of three starter sets which can be combined to create a larger model. These can be combined even further to construct amazing mega-builds!

Animal Kingdom Sets Model ENG-SH10



Combine all three to make a larger model



Item #	UPC #	Case Pack
ENG-SH10	756619012070	18 / Box



Speedsters Sets Model ENG-SH30



Combine all three to make a larger model



Item #	UPC #	Case Pack
ENG-SH30	756619012087	18 / Box



The INVENTOR® MOTORIZED series is suitable for users who literally "play to invent"! The packages increase in size and number of models to build, starting from the 30 models set and moving up to 50, 90, and 120 models set! The constructions are large in size and more elaborate, incorporating advanced technical features. Selected models can be brought to life once animated with the high torque geared motor. All products on this are MAPP Enforced, for more details on the MAPP program see the back of the catalog.

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD Small parts. Not for children under 3 years.

Ages 6 & up

INVENTOR 12 Models Industrial Model ENG-1234



The 12-in-1 INDUSTRIAL models package contains an amazing Snowplow vehicle for clearing the imaginary roads on slippery days! This will make way for the remaining models to go on their work such as the Excavator, the Bobcat and the two Dump trucks (small and large). You can find printed building instructions for 3 models in the booklet included. All 12 models are available as interactive 3D instructions viewed either from a PC or from smartphones and tablets through the ENGINO 3D Viewer app, downloadable for free in Android, Apple (iOs) and Windows mobile operating systems



Item #	UPC #	Case Pack
ENG-1234	756619011387	10 / Box



INVENTOR 30 Models Motorized Model ENG-3030



Improve your building skills with the 30-in-1 MOTORIZED models package! Pick up things with ease using motor power on the two models of Material lift and Crane. Create amazing vehicles like speedy Formulas and Racers, a Mini Buggy for tough roads, two types of Tricycles and a classic Scooter. You can find printed building instructions for 4 selected models in the booklet included. All 30 models are available as interactive 3D instructions viewed either from a PC or from smartphones and tablets through the ENGINO 3D Viewer app, downloadable for free in Android, Apple (iOs) and Windows mobile operating systems



Item #	UPC #	Case Pack
ENG-3030	756619011394	10 / Box

INVENTOR 50 Models Motorized Model ENG-5030



Unleash your imagination with the 50-in-1 MOTORIZED models package! The set includes a vast variety of cars and motorbikes to choose from according to your mood. For speed, you can 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 famous Harley or the Knuckle Head and the Low Rider style bikes. You can find printed building instructions for 4 selected models in the booklet included. All 50 models are available as interactive 3D instructions viewed either from a PC or from smartphones and tablets through the ENGINO 3D Viewer app, downloadable for free in Android, Apple (iOs) and Windows mobile operating systems



Item #	UPC #	Case Pack
ENG-5030	756619011400	10 / Box



INVENTOR 90 Models Motorized Model ENG-9030



Explore your construction potential with the 90-in-1 MOTORIZED models package! The set contains a selection of mechanical constructions that are fun to build and can be educational too! You can find printed building instructions for 4 selected models in the booklet included. All 90 models are available as interactive 3D instructions viewed either from a PC or from smartphones and tablets through the ENGINO 3D Viewer app, downloadable for free in Android, Apple (iOs) and Windows mobile operating systems



Item #	UPC #	Case Pack
ENG-9030	756619011417	10 / Box



ROBOTICS MINI ERP 1.3

DEVELOPED FOR TEACHING ROBOTICS PROGRAMMING AT PRIMARY AND SECONDARY EDUCATION

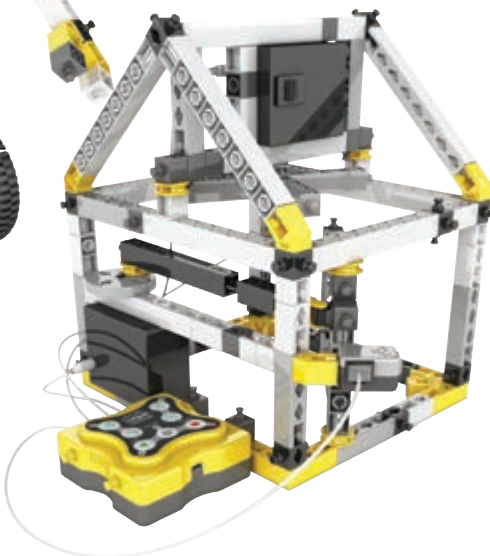
Ages 8 & up

® The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD Small parts. Not for children under 3 years.

STEM Robotic ERP Mini Edition Model ENG-STEM60



The Engino® Robotics Platform (ERP) is specially designed for Primary and Secondary school children and even for robotic hobbyists! It takes into account the latest technological trends and the most modern pedagogical principles of learning. The set consists of all the necessary parts for building and programming 8 robots. These include the ERP mini controller with RJ cables, two InfraRed sensors, two motors and a mini USB cable! You can find easy-tofollow instructions for some of the robots in the booklet included. The booklet provides detailed explanations of the different scientific principles applied and incorporates innovative activities for hands-on learning, along with a user manual with programming examples to get you started!



Manual programming: the most innovative characteristic of ERP is the onboard buttons which allow manual programming without the need of connecting to a PC. Programs recorded can then be imported to the GUI software and edited either via text language or graphical.

System requirements: The software included can run on Microsoft Windows XP, VISTA, 7, 8 and 10. Minimum requirements for the PC is USB connection, 1 GB RAM, 50 MB of available hard-disk space, 1024x768 resolution display, DVD-ROM drive (or internet connectivity), DotNet 4. Unsupported systems for this version: Mac OS X

Item #	UPC #	Case Pack
ENG-STEM60	756619011523	4 / Box





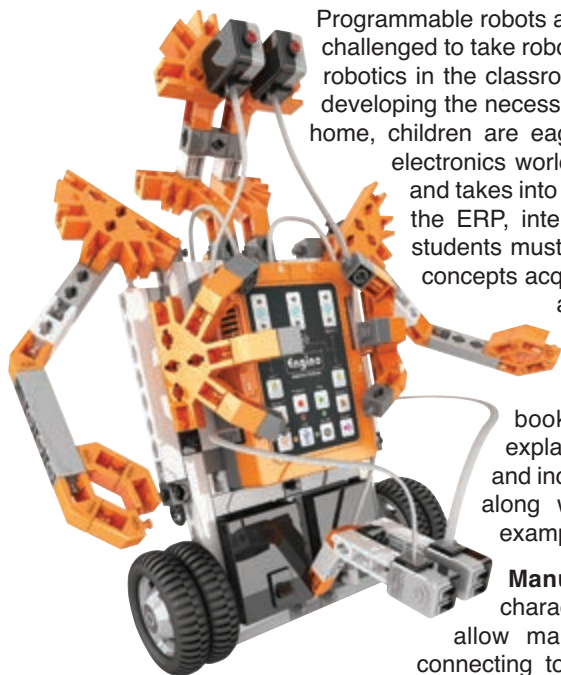
ROBOTICS PRO ERP 1.2

DEVELOPED FOR TEACHING ROBOTICS PROGRAMMING AT PRIMARY AND SECONDARY EDUCATION

Ages 8 & up

The following warning pertains to all products on this page:
WARNING: CHOKING HAZARD Small parts. Not for children under 3 years.

STEM Robotic ERP Pro Edition Model ENG-STEM70



Programmable robots are part of our every-day life and our children are the future innovators that will be challenged to take robotics to the next level! The education system world-wide is evolving to incorporate robotics in the classroom so that students understand the fundamentals of this new technology while developing the necessary building and programming skills associated with it. At the same time, even at home, children are eager to experiment with robots and integrate traditional play and fun with the electronics world. Engino® Robotics Platform (ERP) is specially designed for younger students and takes into account the most modern pedagogical principles of ICT and STEM learning. With the 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. The set comes in a convenient plastic storage tub with lid and it consists of all the necessary parts for studying robotics! These include the ERP controller, RJ cables, one touch sensor, two Infrared sensors, three motors, five LED lights and a USB cable! You can find easy-to-follow instructions either online or in the booklet included. The booklet provides detailed explanations of the different scientific principles applied and incorporates innovative activities for hands-on learning, along with a detailed user manual with programming examples to get you started!

Manual programming: the most innovative characteristic of ERP is the onboard buttons which allow manual programming without the need of connecting to a PC. Programs recorded can then be imported to the GUI software and edited either via text language or graphical.

Wireless connection: The ERP PRO with **Bluetooth** also connects to smart phones, tablets and PCs so that it can be remotely programmed and controlled through the free Android and iOS apps.



System requirements: The software included can run on Microsoft Windows XP, VISTA, 7, 8 and 10. Minimum requirements for the PC is USB connection, 1 GB RAM, 50 MB of available hard-disk space, 1024x768 resolution display, DVD-ROM drive (or internet connectivity), DotNet 4. Unsupported systems for this version: Mac OS X

Item #	UPC #	Case Pack
ENGSTEM-70	756619011509	3/ Box





DISCOVERING STEM
Science • Technology • Engineering • Mathematics

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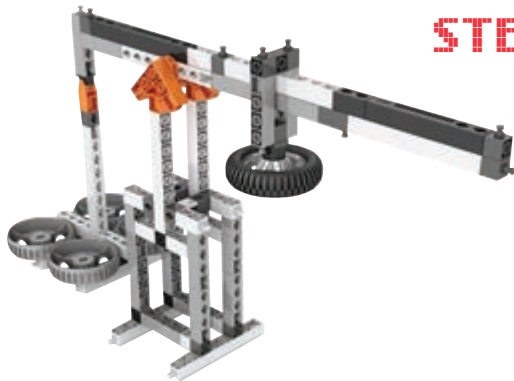
The following warning pertains to all products on this page: **WARNING: CHOKING HAZARD**
Small parts. Not for children under 3 years.

Ages 8 & up

Engino®

The DISCOVERING STEM™ series was developed by qualified teachers and academics, following the latest pedagogical trends in order to combine theory with practice. The series deals with the core subjects of STEM - Science, Technology, Engineering and Mathematics - in a fascinating and enjoyable way. Each package includes a comprehensive activity booklet, covering a broad area of subjects: Mechanics and Simple Machines, Structures, Newton's Laws, and even Programmable Robotics!

STEM Mechanics Levers & Linkages Model ENGSTEM-01



The levers and linkages set teach how levers can be used for increasing an applied force or changing the direction of motion. Find out how you can create models with complex motion by connecting many levers together and learn how these linkages can be applied to various machines.



Item #	UPC #	Case Pack
ENGSTEM-01	756619011424	10 / Box



STEM Mechanics Wheels, Axles, & Inclined planes Model ENGSTEM-02



The Wheel, Axles and Inclined Planes set teaches how wheel and axles use friction to move object easily and how big tires compare to small tires. Find out how an Inclined Plane can be used for lifting heavy objects and how another form of inclined plane, the wedge, is used in everyday application.



Item #	UPC #	Case Pack
ENGSTEM-02	756619011431	10 / Box



STEM Mechanics Pulley drives Model ENGSTEM-03

The Pulley Drives set teach how Pulley drives can be used to transfer force with reduced friction and how they can increase force or speed at amazing levels. Pulleys have been used for thousands of years and are essential parts to complex machines in modern times to solve many technological problems.

Item #	UPC #	Case Pack
ENGSTEM-03	756619011448	10 / Box



STEM Mechanics Cams & Cranks Model ENGSTEM-04



The Cams and Cranks set teaches how you can transmit power using Cams and Cranks and how they can be used to convert reciprocal to linear motion. Discover how these mechanisms are crucial elements of many machines even though they are not considered as a Simple Machines.

Item #	UPC #	Case Pack
ENGSTEM-04	756619011455	10 / Box





DISCOVERING STEM
Science • Technology • Engineering • Mathematics

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The following warning pertains to all products on this page: **WARNING: CHOKING HAZARD**
Small parts. Not for children under 3 years.

Ages 8 & up

STEM Mechanics Gears & Worm Drives Model ENGSTEM-05



The Gears and Worm Drives set teaches how gears can easily reduce or increase speed, change force or transfer motion from one position to another. Discover how worm drives are used to greatly reduce rotational speed and how screws can convert rotational motion to linear, while greatly increasing force.



Item #	UPC #	Case Pack
ENGSTEM-05	756619011462	10 / Box

STEM Structures Buildings & Bridges Model ENGSTEM-06



The Building & Bridges set teaches all about buildings and how they literally support our lives! Construct different types of bridges and find out how their architecture design provides massive weight support. Discover all the types of forces applied and how engineers manage to reduce their effects.



Item #	UPC #	Case Pack
ENGSTEM-06	756619011479	10 / Box



STEM Newton's Laws: Model ENGSTEM-07



Learn all about the ingenious Sir Isaac Newton's laws of motion which are the basis of classical mechanics that still describe most of everyday life situations. Observe the effects of kinetic and potential energy and see first-hand how energy is transformed from one form to the other.



Item #	UPC #	Case Pack
ENGSTEM-07	756619011486	10 / Box

STEM Simple Machines Model ENGSTEM-40



The Simple Machines set is a combination of the basic 5 sets of "Discovering STEM" series and cover all Simple Machines mechanisms.

These mechanisms offer a mechanical advantage and are crucial elements of many machines and devices.



Item #	UPC #	Case Pack
ENGSTEM-40	756619011493	7 / Box



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MAPP Program

Specialty-Only Products Program

- All Specialty-Only products must be ordered in full casepack quantities.
- For explanation of MAP Policy, contact your Elenco representative

MAP Policy/Prices Fully Enforced

ENFORCEMENT POLICY

- 1st Offense:** Phone Call Inquiry with Formal Written Warning
- 2nd Offense:** 2nd Phone call and written warning in addition to a 30-day suspension from purchasing ANY Snap Circuits® products.
- 3rd Offense:** Formal written notification advising of a 6 month suspension OR remainder of calendar year (whichever is longer) from the purchase of ANY Snap Circuits® products.



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