



TREE OF KNOWLEDGE

A SUBSIDIARY OF EDU-SCIENCE (H.K.) LTD.



TREE OF KNOWLEDGE (H.K.)
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EDU-SCIENCE Info and Website



TREE OF KNOWLEDGE, (H.K.) Limited,

has produced and developed Scientific Experiment Kits for over 25 years.

Its line covers a broad range of products and prices.

We can offer our services for manufacturing and developing private label kits, and supply any combination that may be suitable for your requirements.










Our products are also used in schools for teaching science.

Tree of Knowledge (H.K.) Limited is now a subsidiary of Edu-Science (H.K.) Limited.

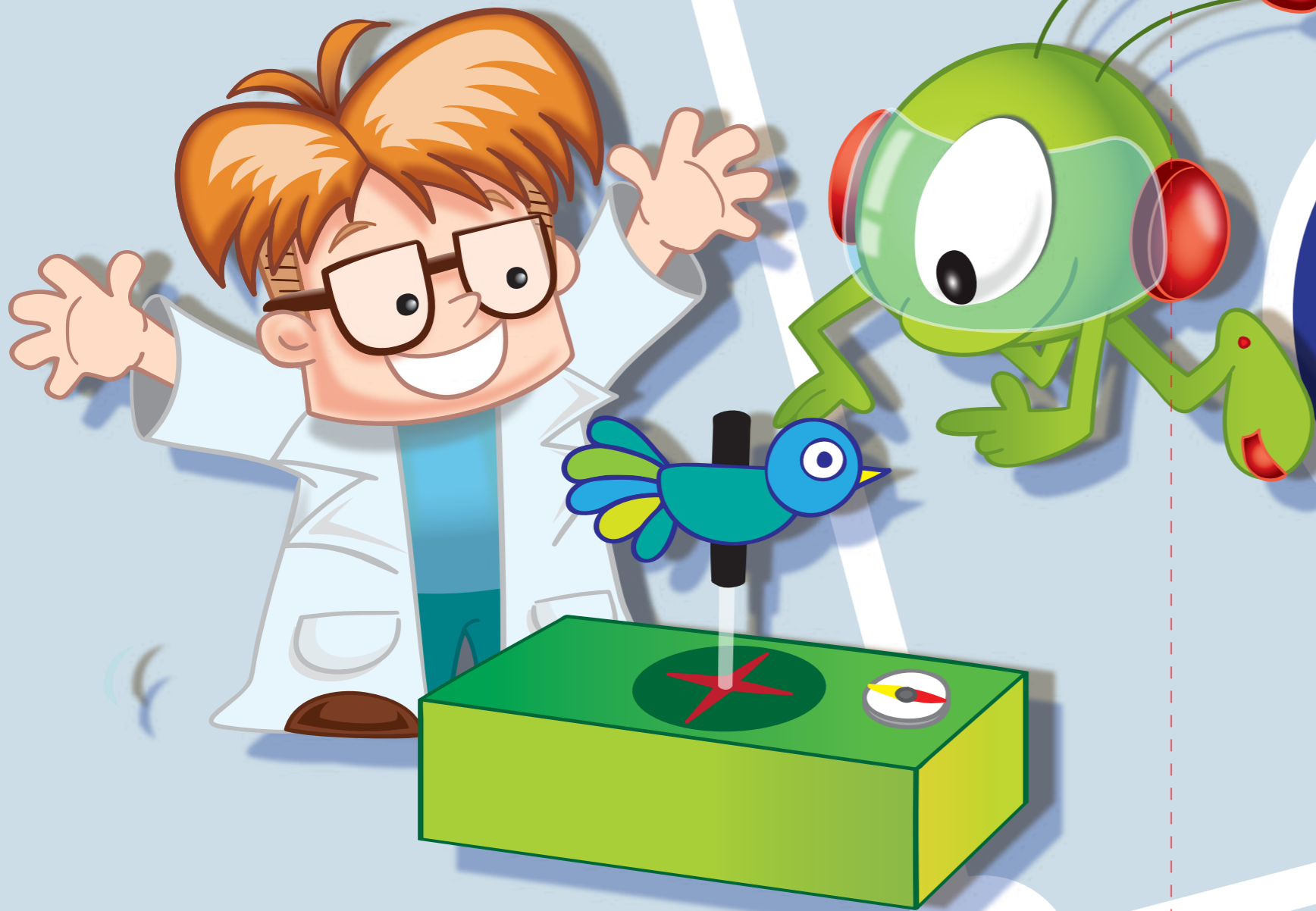
A leading company manufacturing, developing and marketing Science Kits through out the world.

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5+

Busy Box & Busy Book Series

A series for 5+ year old children. Full color graphics instruction and no reading is required. Through play, the kits deal with everyday scientific experiences encouraging the child to be curious about the surroundings.

BUSY BOX

BUSY BOOK

Busy Box Series



1010 Dynamics

5+



The Dynamics Kit:
Stimulate your child's way of thinking with these fun activities dealing with the world of symmetry and motion.

1030 Magnets

5+



The Magnets Kit:
Let your imagination create new games, tricks and other magnetic attractions.

1060 Water

5+



The Water Kit:
Your child will learn and discover basic properties of liquids and the various ways that water works.

1070 Compass

5+



The Compass Kit:
Introduce yourself to the basic skills of map-making and direction finding.

1040 Music

5+



The Music Kit:
Assemble your own music box and wind chimes, perceive the difference between production music and making noises.

1050 Optics

5+



The Optic Kit:
Simple basic optics, build a periscope, color filters, kaleidoscopes, prisms and more.

1080 Chem

5+



The Chemistry Kit:
Using simple household chemicals, colour separation, chemical reaction, secret writing, discover metals.





2010 Illusion

5+



The Illusion Kit:
Deals with optical illusion, mirror, prisms and mirror distortions.

2020 Optics

5+



The Optic Kit:
Simple basic optics, build a periscope, color filters, kaleidoscopes, prisms and more.

2050 Magnet

5+



The Magnet Kit:
A lot of activities to enjoy, floating paper clip, jumping pin, playing football, river test, funny face, puppet show, underwater magnet, magic marble, fishing.

2060 Music

5+



The Music Kit:
Make a pan flute, create water tones, make a drum, create a chime box and more.

2030 Chem

5+



The Chem Kit:
Using simple household chemicals, colour separation, chemical reaction, secret writing, discover metals.

2040 Bubble

5+



The Bubble Kit:
The wonderful world of bubbles! Making a bubble chain, bubble in a cube, bubble in a pyramid, giant bubble and more.

2070 Weather

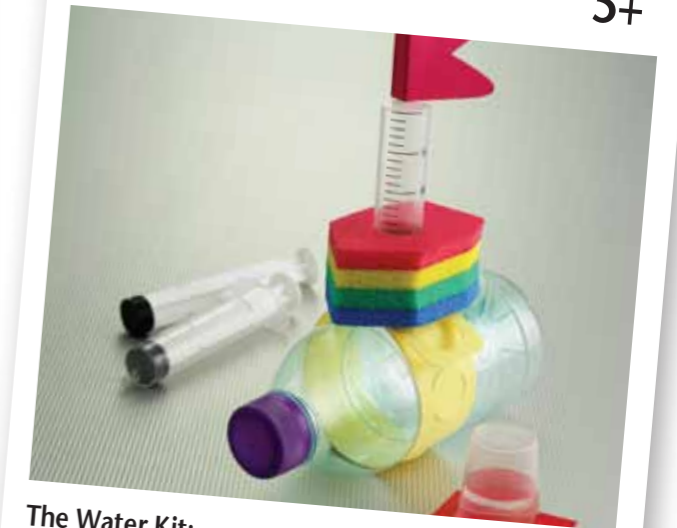
5+



The Weather Kit:
Welcome to magical world of weather! Measuring the speed of wind, weather chart, wind meter, rain meter, weather curiosities.

2080 Water

5+



The Water Kit:
Experimenting with water. Water magic, on the level, make a submarine, super siphon, wet or dry?, magic water.



8+

Go Lab Series

A set of mini labs suitable for the 8+ age group. These kits are based on science projects in keeping with the school curriculum for this age group. Instruction books explain in simple language, scientific theory of each project. The child can build a working model demonstrates the subject of the kit.

GO LAB



In addition to the experiments, the child can build a working model that demonstrates the subject of the kit.

3010 Crystal Radio

8+



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.



3040 Mighty Motor

8+



Simple kit for the future engineer! Build your own motor and learn how motors work. Experiments with electromagnetism. Assemble a powerful electric motorboat for use in the bathtub, the pool or at the beach. Battery required.



3020 Lemon Clock

8+



Assemble your own digital lemon clock! Save money on batteries! Utilize electricity produced by fruit vegetable chemical reactions, electro-chemistry and electromagnetism.



3050 Sun Power

8+

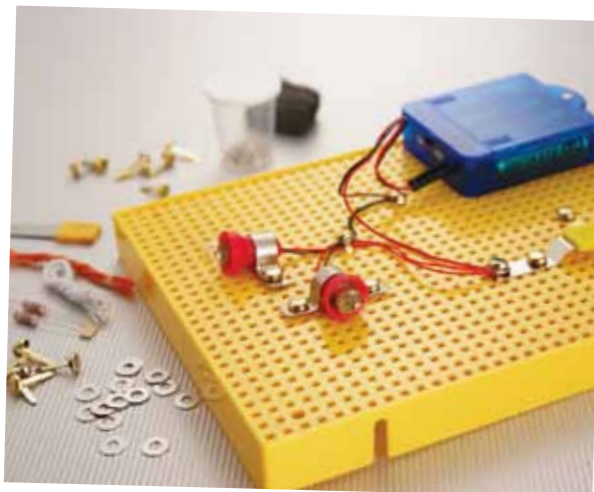


All you need to build your own complete solar energy lab. Kit includes over 25 sunny and fun experiments. Learn about conservation of energy. Complete with solar energy collector and solar heater. Study light, optics and magnification.

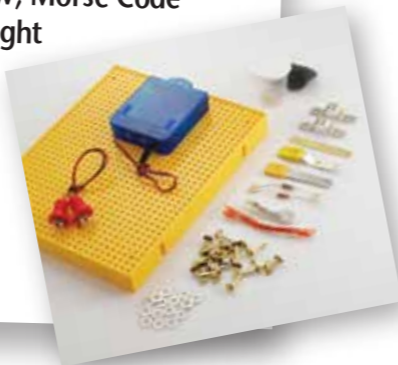


2018 Mini Electricity

8+

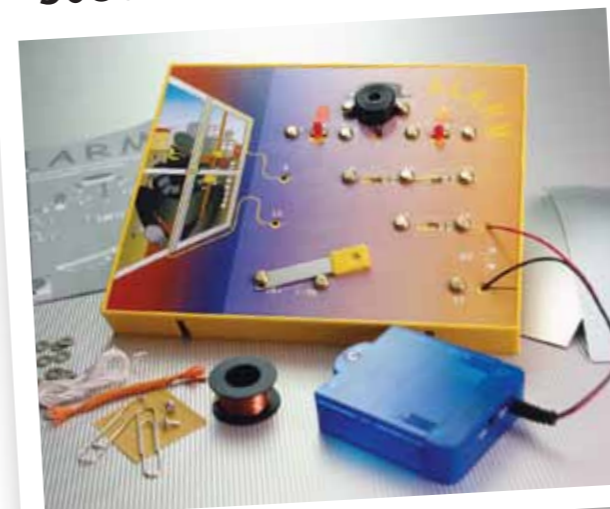


An electricity kit for the young child! Learn about circuits, switches, conductors, insulators, fuses and work with them! Simple theoretical explanations about voltage, current, amperes, Ohm's Law, Morse Code and more. Build your own light circuits, electric puzzles and electric light bulb. Easy assembly. No soldering. Batteries required. Kit is in keeping with elementary school science curriculum.



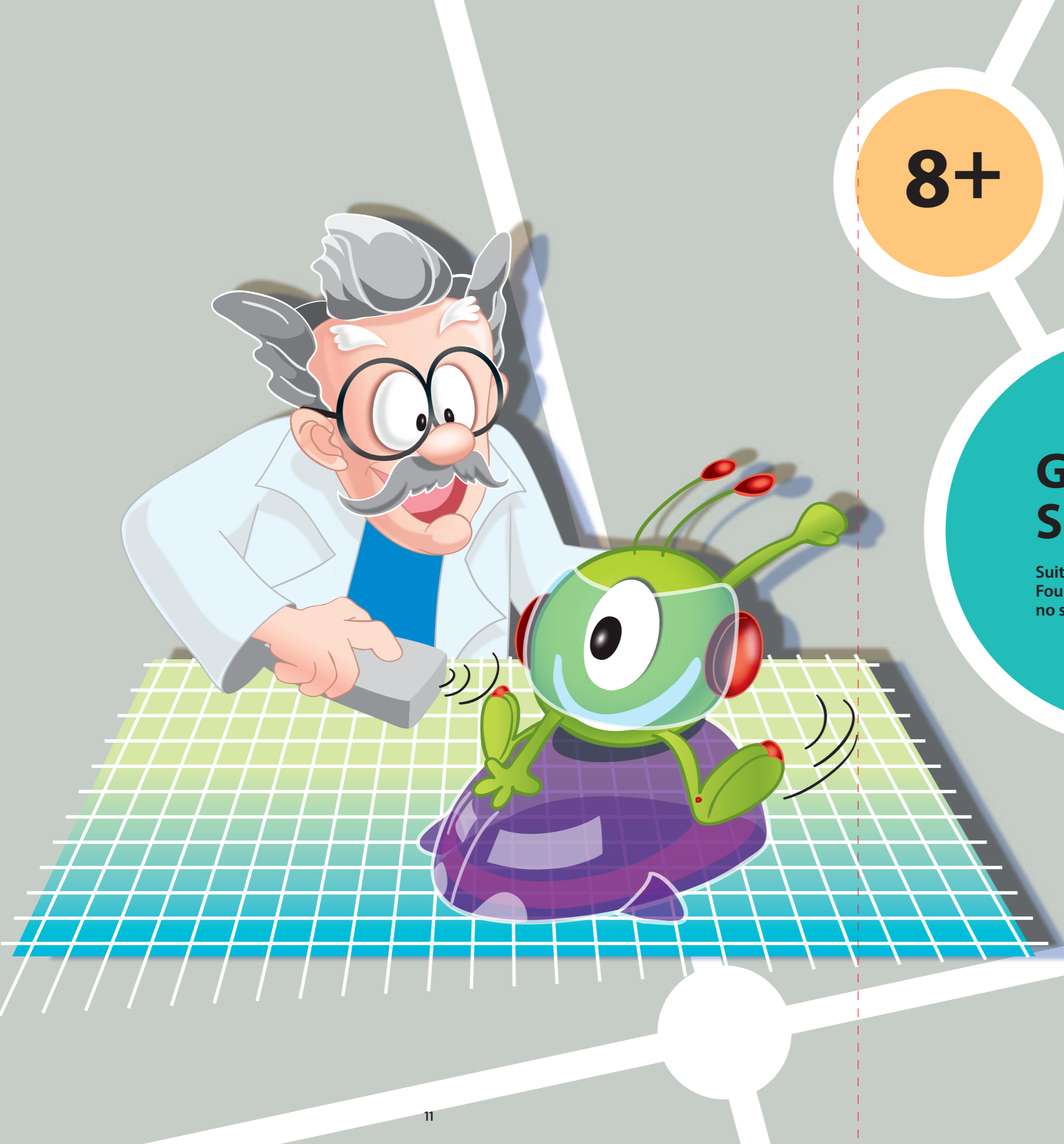
3080 Alarm

8+



Make your own intruder alarm. Protect your valuable belongings; connect the alarm to a door, a window or whatever you want to keep safe. Learn how electric circuits work. The kit includes an intruder alarm panel, a battery holder and electronic components. Batteries required.



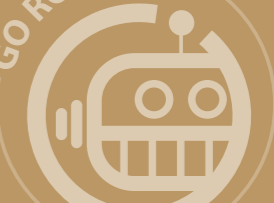


8+

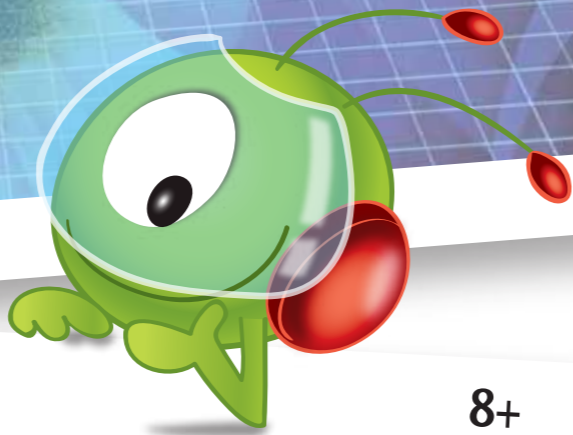
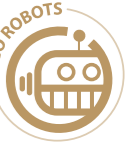
Go Robot Series

Suitable for 8+ year old children.
Four easy to assemble Robots -
no soldering required.

GO ROBOT



The series include a
light sensitive robot,
a metal detector
robot, a remote
control robot and an
infra-red controlled
robot.

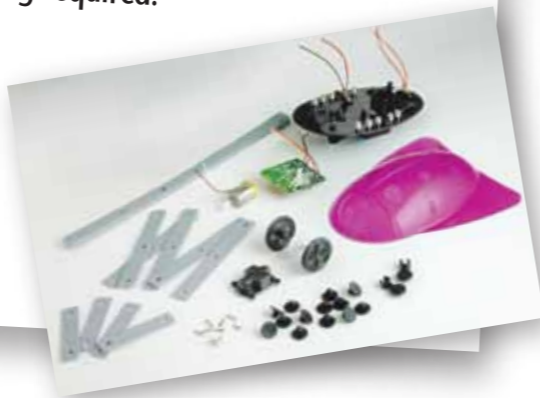


4001 Remote Control Robot



Between your favorite programs, take your remote and move your robot around the room. Easy to assemble - no soldering required.

8+



4002 Treasure Finder

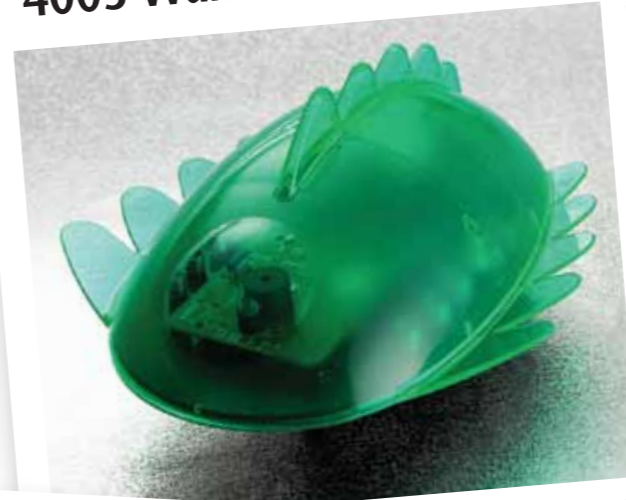


The robot prospector moves on the ground and detects hidden treasure. Easy to assemble - no soldering required.

8+



4003 Wake Me Robot

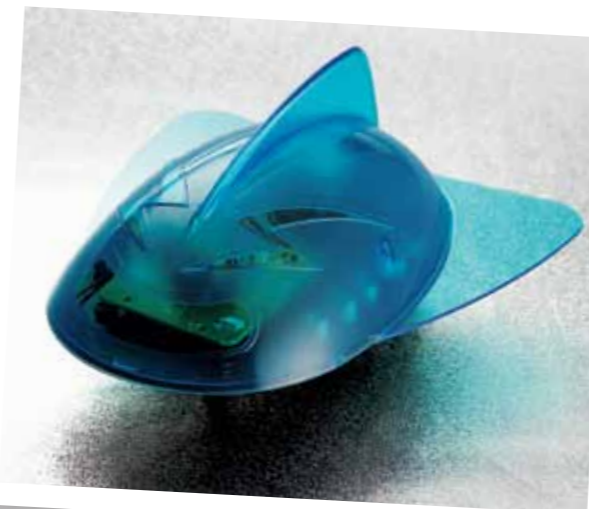


Place it next to your bed at night. In the morning when light falls on it, the robot will start to move and buzz. Easy to assemble - no soldering required.

8+



4004 The Guide Robot



This robot detects obstacles; when it comes up; against objects in its way, it will back up. Easy to assemble - no soldering required.

8+





8+
10+

Go Science Series

A series of science kits covering a large range of science activities specially developed for children from eight and up.

A full colored instruction specially prepared for this age group. An interactive CD is included in some of the kits. The equipment in these kits is specially created for young children and easy to handle.



Together with the instructions books these kits offer quality play time as well as explaining simple scientific facts. Our aim is to develop children's natural curiosity, about themselves and what goes on around them.

7020 Go Optics

8+



Colorful pictorial instructions show how to work with basic concepts in the field of optics. Play with mirrors, make 2 out of 1, make 5 out of 1, and even more! Play with convex and concave mirrors. Build a simple periscope and see what happens when you wear prism glasses. Make animated pictures and experiment with optical illusions.

7030 Go Water

8+



Play with water and discover scientific principles at the same time. Simple fun activities for young children, demonstrating buoyancy, hydrostatics, volume, measurement, elasticity of water and more.

7072 Go Circuit

8+



Welcome to the world of electricity! Specially designed kit to learn, play and have fun safely with basic electric circuits. Assemble more than 20 different and fascinating circuits for motor, buzzer, lights and other circuits. Make alarm and games, and even invent your own circuits. Additional fun applications of circuits are explained in manual. Batteries required.

7074 Go Weather

8+



Over 30 fascinating activities all about weather and climate. Kit includes a real wind speed indicator. Build your own barometer, weather vane, rain gauge and hydrometer. Observe the weather traits and see how they'll affect tomorrow's weather! Make a rainbow, produce clouds, lightning, rain and even a thunderstorm!

7050 Go Dynamics

8+



This kit deals with dynamics, motion and the power of forces. 45 fascinating activities dealing with gravity, inertia, mechanics, friction, different forms of energy, surface tension and air pressure. Equipment provided to create your own personal physics lab at home.

7060 Go Solar

8+



This kit deals with the powers and properties of solar energy. More than 30 exciting activities dealing with energy from the sun and light. Learn about focal points, temperature, colour refraction, "the greenhouse effect" and more. Activities include building your own solar furnace, solar powered carousel, and airplane mobile. Solar cell and motor included.

7075 Chemistry 60

10+



60+ fun activities with home science and kitchen chemistry. Investigate with safe and simple material - discover basic scientific laws and phenomena. Grow crystals, create a volcano, separate pigment. make your own glue perfume and plastic, split up water, learn about pH, colloids and emulsions, write magic messages, see gases expand and more.

7076 Go Electronic

8+



Electronics for beginners! Hours of interest in this fascinating field. Build 6 exciting electronic devices - a burglar alarm, a fire alarm, a musical organ, a siren, a sound effects generator and a radio. Console and electronic components included. Easy to design your own additional circuits. Battery required.

7078 Go Bugs

8+



Exciting kit with over 25 crawling creature activities! Observe and learn all you need to know about bugs, insects and plant life. Kit also includes net, magnifying glass, charts and other simple material. Go out and start your own collection! Fun for all ages!

7080 Go Detective

8+



Investigate, analyze, decipher and solve the crime! Over 65 activities with fingerprints, secret messages, chromatography, cipher codes, identity detection and more..... Kit includes 30X microscope and necessary lab equipment. Batteries required.



7086 My Senses

8+



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.



7090 Go Robotics

8+



Join forces with the world of robotics and assemble 3 fantastic robots. One robot detects objects using infra red 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. The kit is supplied with all circuits pre assembled. No soldering required.



7082 Go Magnet

8+



A fun magnet kit for all the family from age 8+. Amaze your friends with a variety of magnetic tricks, create faces and make an electromagnet. See and feel magnetic forces, make a compass and play magnetic football billiards.



7084 Go Bubble

10+



This is a fascinating kit dealing with all aspects of bubble science. Suitable for age 8+. This is not just a kit for blowing bubbles, this is real BUBBLEOLOGY! Made giant bubbles, create 3D bubbles to your own design, become a bubble artist, perform bubble tricks and learn some amazing bubble facts.



7100 Detective Kit (with UV light)

10+



A new up-to-date detective kit covering all you need to know about crime busting and modern forensics. Experiment with fingerprinting, code-breaking, chromatography and secret messages. Convict the criminal with the colorful large size identikit. Kit includes lightscope, UV light, UV secret pen, fingerprinting equipment, identikit set and much more.



7200 Amazing Illusion

10+

Have fun with fantastic optical illusions. The kit includes a magical mirascope that produces true to life floating images; try to touch them, it's impossible! Great fun for all the family. Make a kaleidoscope and a pin hole camera. Create exciting illusions with your own eyes. Distorting mirrors, jumping fish and many more great activities.



7095 Paper Making Kit

10+

Have fun recycling paper to create new paper of your own design. Choose colors, size and decorations. Use your recycled paper to make a photo album, mobiles, containers, paper animals and flowers. Make greeting cards, notepaper, envelopes and picture frames and much more; just use your imagination. Detailed instructions for all these items included in manual.

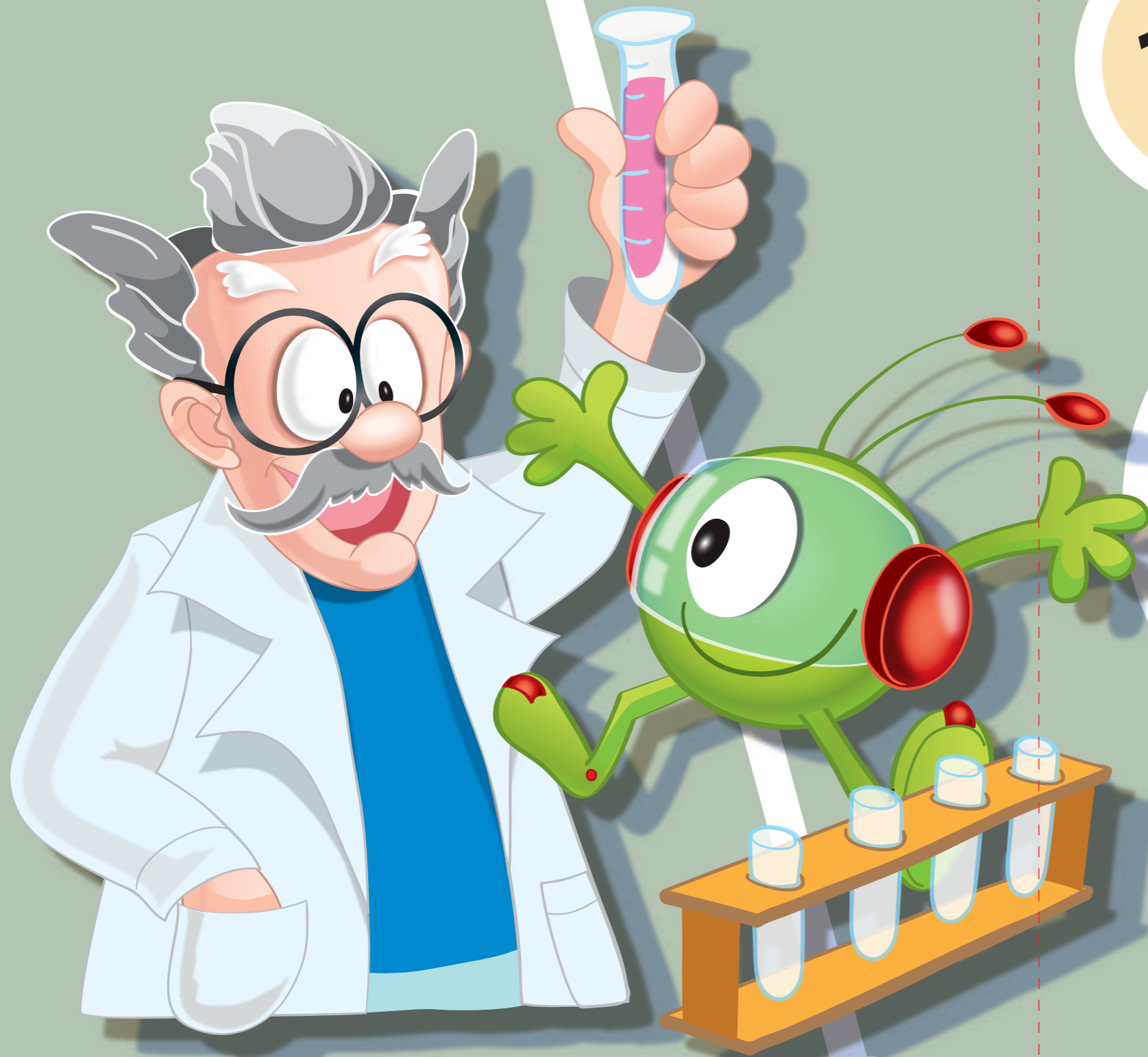


9200 Chokokit

10+

Everything you need to know about chocolate!
Prepare delicious chocolates, truffles and lollipops. Make chocolate cookies and chocolate coins. Learn how to make flowers, baskets and bowls from chocolate; all great ideas for gifts!
Includes cookie maker, coin maker, candy thermometer, molds for chocolates and lollipops and wrapping accessories. Chocolate is not included.





10+

Powertech Series

A Series of kits suitable for the 10+ age group. These comprehensive kits are for children who have an interest in science and wish to increase their knowledge.

They can learn to develop their skills investigating science phenomena, as well as satisfying their natural curiosity.



The kits include subjects taught in school and allow the child to build his own science laboratory at home. Each kit comes with a detailed instruction manual with over 80 activities.



8200 Physics



10+

250 Exciting Experiments. Have no fear of physics! 250 captivating experiments which will introduce you to this fascinating field! Experiment with Electricity, magnetism, motors, gases, liquids, heat, sound, force, pressures and motion. Understand nature's basic laws.



8350 Super Chem



10+

A simpler version of the Superchem 120 with 100 Experiments.



8355 Super Chem 120



10+

120 Activities with fun science and kitchen chemistry. Make giant soap bubbles and 3-dimensional soap bubble sculptures. Make monster dough, grow crystals, create secret writing..... prepare your own fun shaped soap, a volcano and a propelled motor boat. You will make yogurt, ice cream, cookies, gelatin figures and even cheese. Observe the way plants react to chemicals and light. A full colored simple to read instruction manual is included in this kit.



8400 Heart Beat



10+

This kit encourages exercise by understanding how the heart works, and how exercise can create a strong and healthy body. With the hand held adjustable simulator, you can actually follow the circulation of the blood through the heart and body and also adjust the heart beat. The kit also includes a stethoscope, skipping rope, pedometer, stopwatch and a colored manual with explanations and activities.



8360 Super Chem 150



10+

Due to the enormous success of the Super Chem line, we have added a new and larger version: the Super Chem 150. This new version has 150 exciting science activities using only products found in the kitchen. There are over forty pieces of equipment enabling you to carry out all of the 150 activities. These activities include the following science phenomena: chemistry, optics, bubbles, magnetism, physics and chromatography. The kit includes an attractive four colour book.



8405 Solar Power

10+

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



8740 Hydrolab

10+

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.



8650 Ecology

10+

150 Experiments dealing with ecology and the world around us. Topics include bacteriology, climate, water, air, nature, chemical analysis, water and soil pollution, recycling and acid rain. Understand the problems and improve the environment.



8950 Energy

10+

More than 200 experiments. This kit is designed to give an understanding of the various kinds of energy sources, how to transform them and use them. Learn about windmills, levers, solar energy, batteries, electricity, electrochemistry and more. Make your own simple machines. All necessary lab equipment included.





8+

Electro-Mag Series

Electro-Mag is designed for children from the age of eight and up. The series includes three different kits for building Electronic Circuits. Use a very simple system of magnets, steel balls and electronic components to build three dimensional circuits, as well as standard circuits.



Each of these kits will independently link up to any other magnet kit on the market.

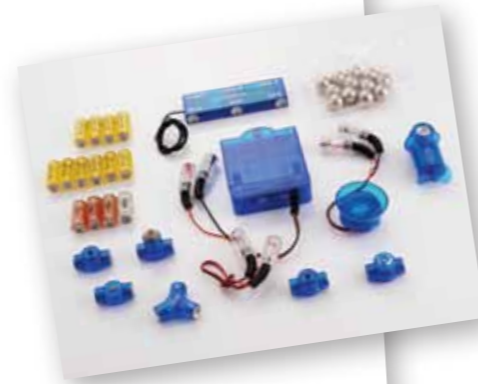
Build various structures such as towers, houses and geometric shapes incorporating the original circuits.

8905 FM Radio Kit

8+

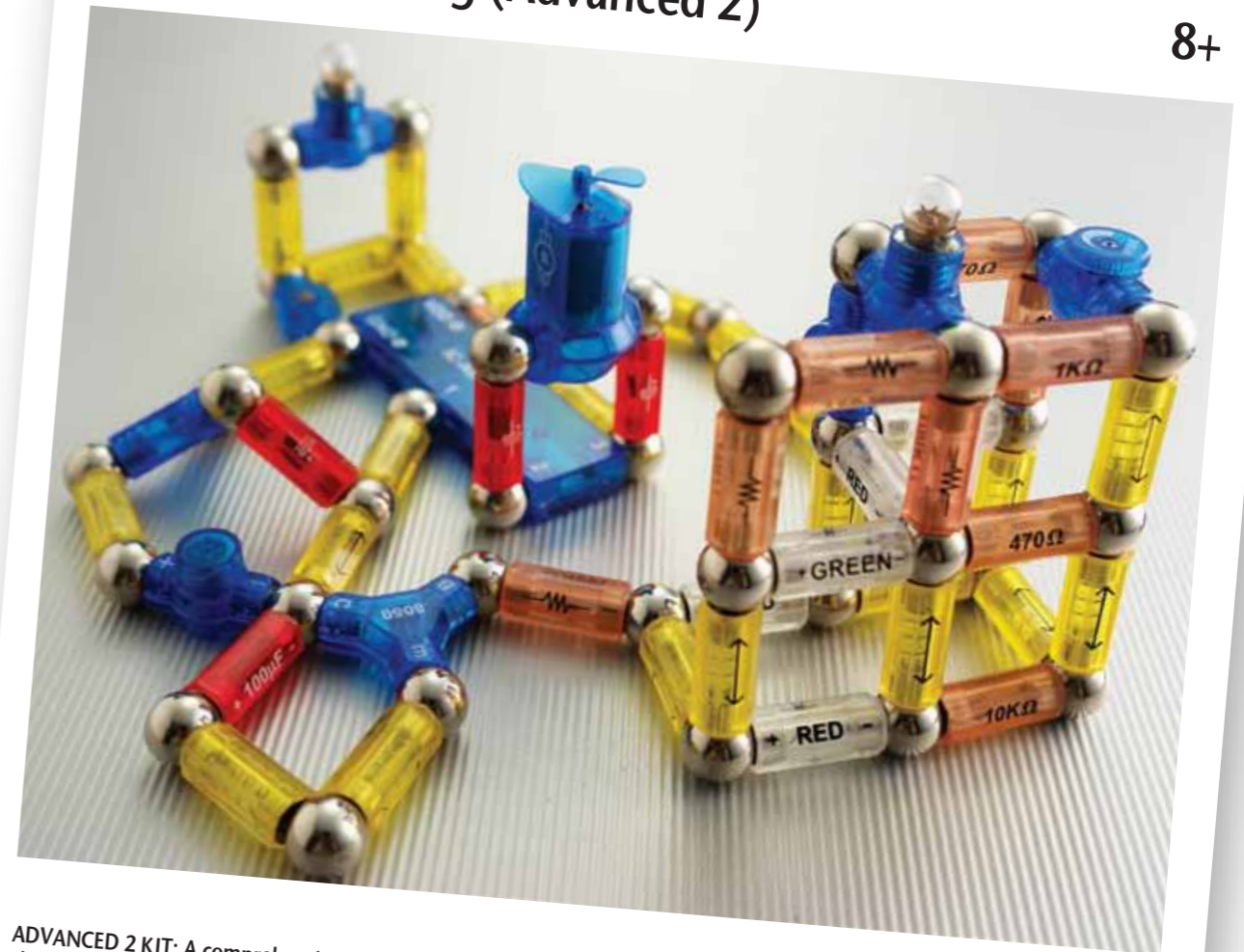


Build your own FM radio, in addition there are 10 other circuits, including photo cell activated light, motor and lamp circuits.



8745 Electro-Mag (Advanced 2)

8+



ADVANCED 2 KIT: A comprehensive kit with 50 different circuits. The kit includes two integrated circuits, 3 transistors, photo cell, microphone, and many other components.

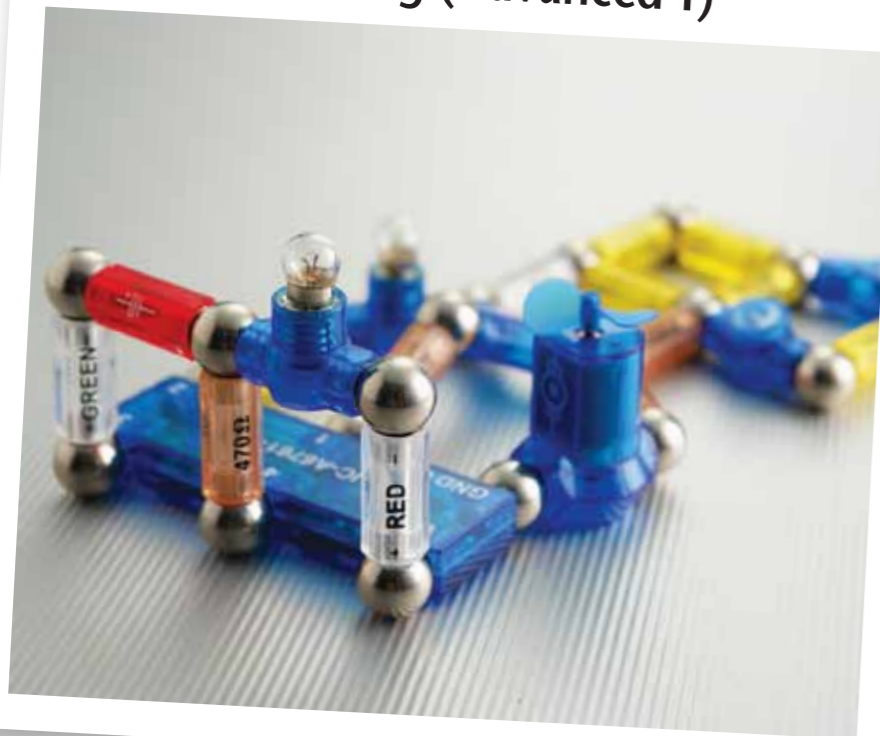
Each of these 3 kits will independently link up to any other magnet kit on the market.

Build various structures such as towers, houses and geometric shapes incorporating the original circuits.



7088 Electro-Mag (Advanced 1)

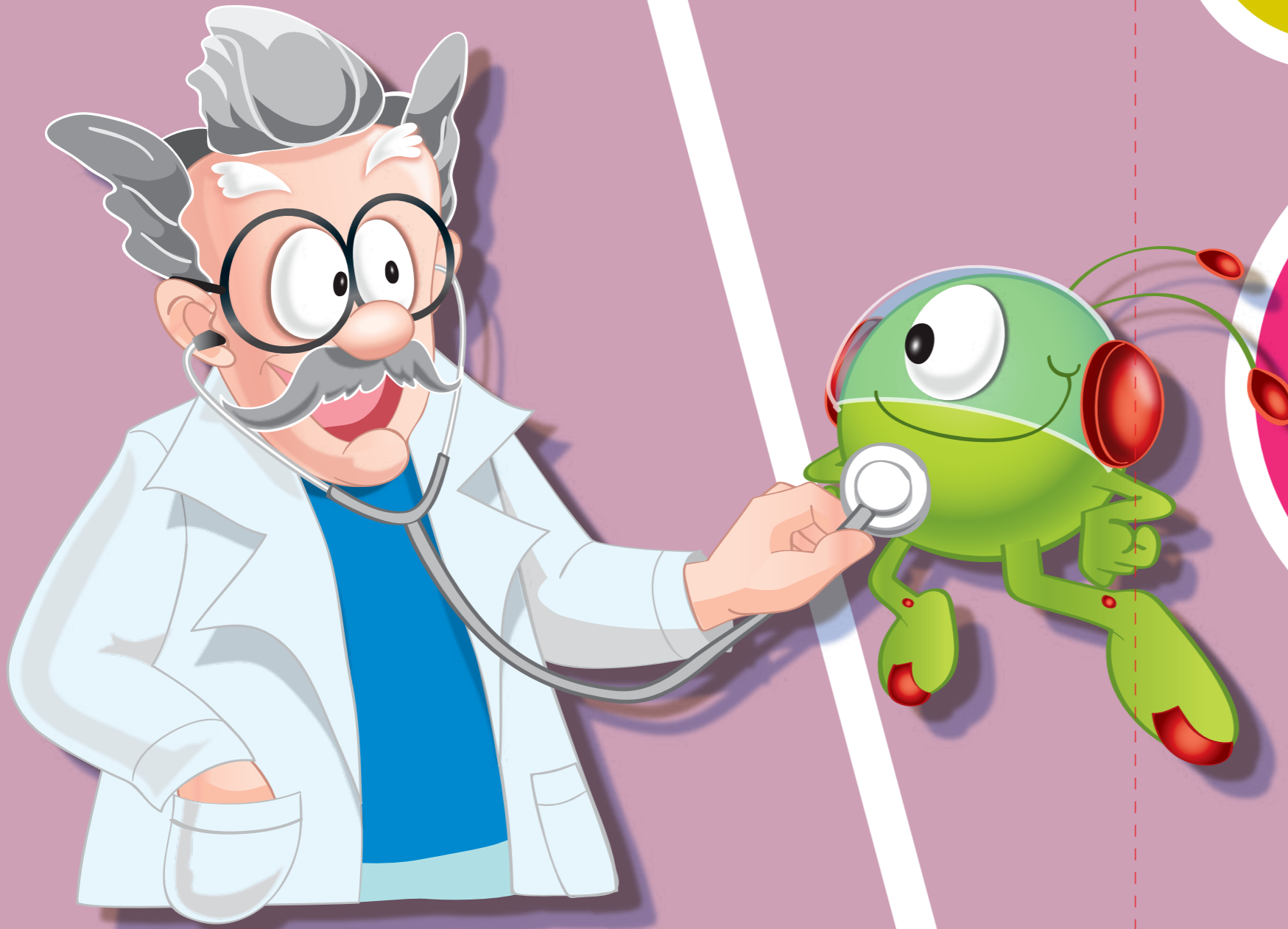
8+



ADVANCED 1 KIT: 40 circuits, some of which are Electronic gadgets for children of eight and up.

The kit contains 30 electronic components including transistors, IC, lamps, motor, photo resistor, and other components. Simple to follow instructions.





8+

My Health Series

The Health Kit series is a new line of kits developed to help children to become more aware of their bodies and the functions of some of their vital organs. They can check their organ's efficiency by themselves.

MY HEALTH





7092 Breathing

8+



Activities to show how the lungs work. Explanation of how to check the volume of air intake into your own lungs. A precision made air flow meter that can check your own intake of air and check if you are within the normal range.



7096 Hearing

8+



Activities to show how sound travels. Testing your own hearing with simple methods. A precision made sound generator with decibel control to check your own hearing ability.



7094 Vision

8+



A simple explanation of how the eye works. Activities to demonstrate some of the eye's functions. Eye testing equipment to test the eyes for normal sight, short sightedness and long sightedness. Eye testing charts included.



7098 Heart Kit

8+



Learn all about the heart; how it works and how to keep it healthy and strong. Discover the importance of healthy eating. How to build an exercise plan. Listen to your heart, count your heartbeats and construct a stethoscope. Kit includes stop watch, pedometer, professional stethoscope and skipping rope plus large detailed poster of the heart.





8+

Go Anatomy Series

This is a series of 3-dimensional model puzzles of more than 30 parts.
You can build vital body organs: the Heart, the Brain and the Eye.

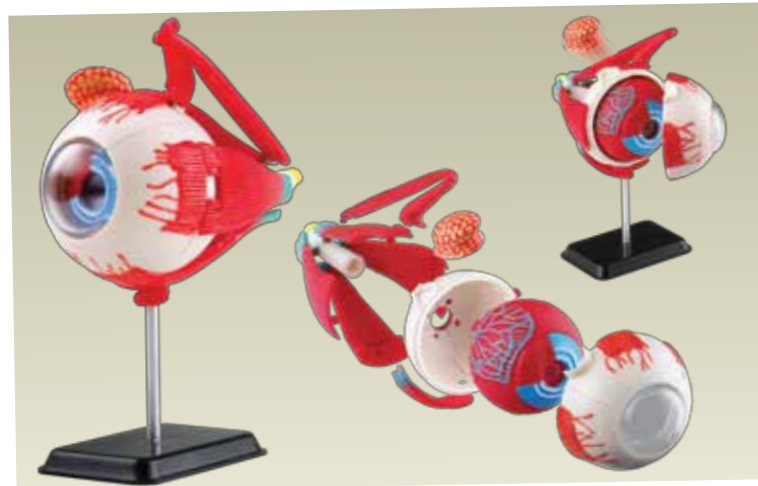


There is an interactive CD which contains explanations of each organ, as well as eight varied interactive activities explaining and demonstrating the organs various functions. To facilitate easy construction of the model puzzle, the CD shows step by step constructions details.



SK007 Eyeball

8+



This 3 dimensional model of the human eye can be constructed by hand and also on the interactive CD which accompanies the 30+ pieces of the model. The CD gives step by step instructions and the pieces slip easily into position on the screen. The CD shows how the eye works and offers easy to understand explanations together with fun interactive activities which demonstrate the various functions of the parts of the human eye.



SK009 Heart

8+

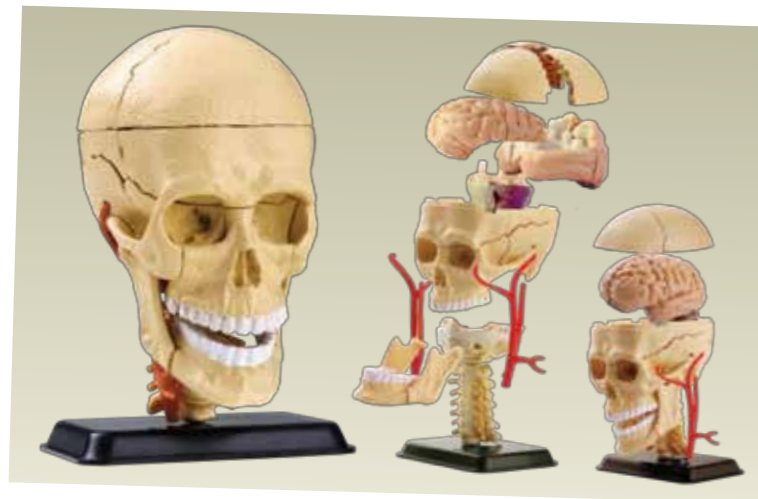


This 3 dimensional model of the human heart can be constructed by hand and also on the interactive CD which accompanies the 30+ pieces of the model. The CD gives step by step instructions and the pieces slip easily into position on the screen. The CD shows how the heart works and offers easy to understand explanations together with fun interactive activities which demonstrate the various functions of the parts of the human heart.



SK010 Brain

8+



This 3 dimensional model of the human brain can be constructed by hand and also on the interactive CD which accompanies the 30+ pieces of the model. The CD gives step by step instructions and the pieces slip easily into position on the screen. The CD shows how the brain works and offers easy to understand explanations together with fun interactive activities which demonstrate the various functions of the parts of the human brain.

