





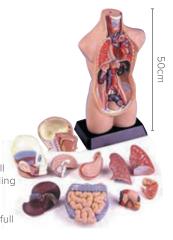
Real-Life Size Unisex Human Torso
NK0306 23 parts \$389.95

This outstanding torso features an exposed spine with removable vertebra and spinal cord segments, a female breast plate and interchangeable male and female genitalia. The female organs include a foetus in the womb. Dissected into 23 parts: torso, female breast plate, head, eyeball, brain, vertebra spinal nerves, lung (2 parts), heart (2 parts), liver, kidney, stomach (2 parts), intestines (4 parts), male genitalia (2 parts), female genitalia with foetus (3 parts). Made of PVC plastic. Mounted on a plastic base. Size: 85cm high.



Anatomy Human Torso Set FD05001 11 pieces \$125.95

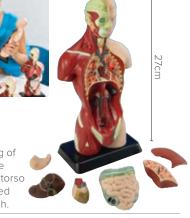
This model shows students exactly where all organs go. They will develop an understanding of anatomy in a fun way with these 11 detachable plastic organs. A great resource for Science curriculum activities. Includes a full colour instruction. Size: 50cm high.



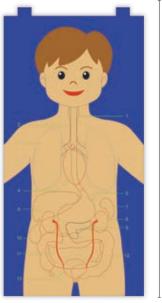
Set of 4 \$15995 SAVE \$15.85



Children will have a better understanding of anatomy as they examine this model. The model comes with 6 detachable parts, a torso and a base. Supplied with a fully illustrated colour instruction manual. Size: 27cm high.







My Body Felt Wall Chart KD4603

28 pieces

\$79.95

This felt chart has 15 attachable Velcro organs and 13 name labels, which helps students to place and label organs correctly. By linking the labels to a number, students can check if they placed the organs correctly. A great resource for curriculum topics! Size: $50 \times 70 \, \text{cm}$.



Listen to the sound of a beating heart. This stethoscope really works! It is made of the highest quality materials to stand up to classroom use.



Human Ear Model - 5 Parts EIS0042 \$149.95

This hand painted human ear model has the following removable parts: petros portion of the temoral bone section of the auditory canal, labyrinth, tympanic membrane with malleus, and incus. The model is 4 times enlarged



Lung Demonstration Model NK1805 \$25.95

Demonstrate how lungs work with this transparent lung model. Constructed of two rubber balloons, rubber stopper and bell jar. Pull the thin rubber diaphragm at the bottom of the jar down to see the lungs inhale. Push it in and the balloons will collapse (exhaling). The model is 17(D) x 20(H)cm.



Human Eye Model - 6x Enlarged NK0401 \$64.95

This human eye model is about six times enlarged and has 6 parts. It comes with a horizon section of the eyeball wall. Sclerotic membrane, choroids membrane, lens and vitreous humour are removable. The blood supply and the origins of the muscles which control the eyeball movements are also shown. On a stand with base. Size: 12 x 12 x 19cm

3D model

Heart & Lungs Model - 7 Parts EIS0068B \$139.95

This hand painted heart and lung model has the removable parts: larynx (2 parts), heart (2 parts), and lobes of the lung (2 parts). It also shows: wind pipe with bronchial tree, subclavian artery and vein, venacava, aorta, pulmonary artery, esophagus, and diaphragm. Comes numbered on base. Size: 30 x 10 x 10 cm.





My Inner Body



This puzzle, made from sustainable wood, is a creative and interactive way for children to learn about their own bodies. The name of each organ is painted on the puzzle piece and the puzzle fits inside handy, cloth body that zips for easy storage. Comes with puppet to see where the organs are located in the body.

Human Lungs Model NK1802 \$127.95

This model is slightly enlarged. It shows the shape of the lungs and the bronchial tree. It comes on a stand with a base. The base measures 11.7cm square and model is 20(H)cm.





Human Skeleton with Stand \$399.95

The classroom environment will benefit from this human skeleton replica. Teach students all about our different bones. Supplied with a metal stand and castors. Size: 160cm high.



Human Skeleton on Stand NK0003 85cm

This model is about half the size of an adult, making it easy to carry from one place to the other. The hand and foot bones are cast in one piece, all other bones are articulated. The skull has a calvarias and a spring-held mandible. The arms and legs are removable for close study. Supplied on a base. Size: 85cm high.





Mini Skeleton FD046

46cm

A real-life model of the human skeleton with durable parts and a sturdy stand. Size: 46cm.



Skull EIS0126 \$63.95

This human skull model comes in two parts, the lower jaw is removable. It's made of fibre material and comes in a natural colour. Size: 24 x 16 x 17cm approx.



Hold these life-sized human x-rays up to the light or use them on a light table and see every authentic detail of a real skeleton. Reproduce the entire body of a young adult. Teacher's guide included. 18 pieces.



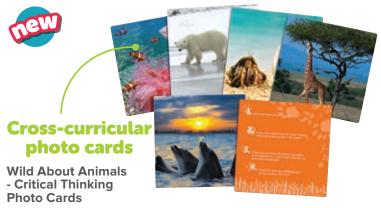




Create inviting, exciting spaces with eye-catching charts that present learning in a big and colourful way. Teach essential facts about different animals with this themed learning chart combination pack. Includes six charts: birds, reptiles, amphibians, fish, insects, and mammals, with activities and reproducibles on each chart back. Each chart is approximately 43(L) x 56(H)cm.



This game allows children to compare animals in familiar habitats with animals found in less familiar habitats. The 4 double-sided A4 playing boards feature a single habitat on one side (coast, woodland, polar and desert) and a habitat bingo game on the reverse. Teacher's notes are included to cover detailed facts about all the animals such as animal type, diet, life expectancy and species. Cut out photocopiable animals are also included to cover both the featured habitats and other habitats.



LER3362 Set of 40 \$33.95 These stunning animal photo cards encourage students to create stories while improving speaking, writing, and listening skills, as well as key critical thinking skills! Includes an activity guide and 40 double-sided cards with real-life

photos on one side and thought-provoking question on the reverse. Cards measure 20 x 20cm.



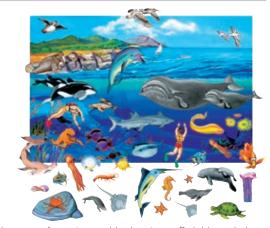
Wooden Mother & Baby Animals Set of 32

\$69.95

This hand crafted set of wooden animals and their babies teaches students about wild life. A set of 32 pieces are sure to delight children and engage their imagination. Ages 3+ years.



This set of 10 laminated butterflies show the beautiful wings in great detail. Identify differences and similarities between the 10 species. These laminated butterflies are a great resource in combination with a light box. Or stick them to a window as decoration! Each sheet is 11cm square.



Underwater Sea Life Felt Kit LV2385 41 pieces \$49.95

A deep blue sea sets the scene for water-world adventures. Dolphins, whales and all sorts of exotic sea life are ready to play a role in underwater tales. The felt background measures 91 x 66cm and includes 40 underwater felt creatures. Supplied with a descriptive booklet. Ages 5+ years

\$29.95



Mini Beasts Large Arthropod Set KNB005

Set of 13 specimens \$184.95

This set includes 13 different arthropod specimens, including a dragonfly, golden scorpion, tarantula spider and more. The largest resin block measures 7.5cm square. Supplied in storage and display box. Teacher's guide included.



Mini Beasts Large Beetles & Bugs Set KNB2216 24 specimens

\$199.95

This set includes 24 different specimens of beetles and bugs. Each resin block measures 2.8(L) \times 4.3(H) \times 1.9(W)cm. Supplied in storage and display box. Teacher's guide included.



It's easy for students to set up and maintain their own ant habitats! Ant Factory, measuring $23(H) \times 38(W)$ cm, provides great lessons in responsibility, basic ecology, and much more! Each habitat includes 24-page guide book with ant care and colony observation hints, water dropper and canal starting tool. Just find some ants in the backyard (not included) and get started!



This set includes 15 different spider and insect specimens. Largest resin block measures 7.5cm square. Supplied in storage and display box. Teacher's guide included.



 Bug Viewer

 FD005
 Each
 \$6.95

 FD005K
 Set of 10
 \$62.95

Children can observe everything small with this crystal clear plastic container with built-in air holes. It has two magnifying lids, one with 2x magnification and one with 3.5x magnification. Size: 7cm diameter x 8cm high.





Children will find the bug pots a useful addition to their study of nature. The individual transparent pots with magnifying lids can be used to observe findings. Each pot measures 4.5×5.2 cm.



These 30-piece wooden puzzles show the transformation from birth to adulthood in four phases. The set includes a grandfather, frog, hen and butterfly. Each puzzle is 24cm square. Ages 4+ years

Set of 4

Grow mushrooms in 10 days! **Mushroom Farm** - Organic Oyster Mushrooms FLD120 \$32.95 Each

Grow organic mushrooms in just 10 days! Just open the box, scrape the soil, soak in water, and harvest 10 days later. Make sure you water the mushrooms daily. Students will see the oyster mushrooms pop up out of the soil! Once the mushrooms have grown to the size you want, simply cut them off and use them in your favourite dish. The box even comes with a recipe for inspiration! You can grow 1 to 3 crops out of one box.



\$119.95

Life Cycle Kit - Set of 4 Life Cycles

IN001K

ED7150

16 pieces

These oversized, anatomically correct figures have been accurately painted and sculpted to show the four stages of the life cycles of a frog, honey bee, ladybird and butterfly. The pieces are made of durable, flexible plastic. The butterfly measures $10 \times 6.3 \times 1.3$ cm. The kit consists of one of each: Butterfly (IN4760), Frog (IN2610), Honey bee (IN2215) and Ladybird (IN6090). Ages 3+ years

SAVE \$79.80

Full Cycle Cards

IP1791K	5 Sets of 13 cards	\$219.95
IP117500	Glass	\$59.95
IP117600	Metal	\$59.95
IP117700	Plastic	\$59.95
IP117800	Wood	\$59.95
IP117900	Wool	\$59.95

Highly visual cards to sort and understand the process involved in raw material sourcing, conversion into products and end of life recycling. Each set includes 13 dry-wipe picture cards that show the stepby-step process. In addition to the 13 picture cards there are two blank cards included in the set for suggestion/discussion before the next correct answer is revealed. A detailed teacher guide with suggested lesson plans and a quick-start guide are provided. Learn about the full cycle of glass, metal, plastic, wood and wool.



SAVE \$2.85

Microscope Beginner SJ-8 EIS0002D \$219.95

The perfect microscope for primary grades. Features:

- Mechanical Tube Length: 160mm
- 45° Inclined head
- 360° Rotatable
- Eyepieces: WF 10x

· Achromatic Objectives:

4x, 10x, 40x



Microscope Monocular EISO07MM \$256.95

This versatile, high performance microscope comes with wide field eye pieces and provides a sharp image. It has the following features:

- Mechanical Tube Length: 160mm
- 45° Inclined Head
- Rotatable 360°
- Eyepieces WF 10x
- Objectives Achromatic 4x, 10x and 40x

· Coaxial coarse and fine focus

adjustment • Stage Abbe 1.25 NA condenser with iris diaphragm

• LED illumination

• Square Area 11 x 11.5cm.



Digital Microscope -Advanced

EIS0360 \$899.95



This advanced digital microscope has a monocular eyepiece with built-in pointer. The head is 360° rotatable and has a tube length of 16cm. It is complete supplied with software and connects via a USB cable. The 40x and 100x oil objectives are spring-mounted. Height adjustable. Focus control: Coaxial coarse and fine adjustment knobs on both sides with 0.0002 graduations. Friction of focus control is adjustable. LED illumination with internal power supply. Comes with spare fuse and dustcover in styrofoam case.







Digital Microscope - USB 5MP with Software EL3199 \$189.95

A USB microscope with a simple but incredibly useful stand that allows students to make fine adjustments to the vertical height of the microscope and swivel the scope arm around a 360 degree range. This permits a greater level of viewing accuracy and stability. On either side of the stand there are two metal holders to lock your object in place and a printed ruler to help you get an approximate feel for the length of objects. The optics built into this microscope are excellent. The sharpness of texture on magnified objects is incredible to look at. You will spend hours searching for things to magnify. It comes with a great piece of software for capturing 5MP (2592x1944) res JPGs, BMPs, TIFFs or PNGs and 1280x960 pixel AVI files. Compatible with WinXP/Vista/7/8, Mac 10.6-10.8. Magnification ratio: 10x, 300x (at 5MP res). Find full specifications on our website.

Specifications

- WiFi/USB switchable modes
- 10m range when using WiFi
- · Display image on smartphone or computer
- Base for slides observation
- Use as normal web-cam



Digital Microscope - Wireless/USB FD079 \$111.95

This extraordinary wireless hand-held digital microscope/camera is easy to use; just connect it to your computer or even your smartphone, simply using the 10m covered WIFI, and start taking videos or photos. Alternatively, you can simply use the USB to connect to your computer and use it as a normal web-cam. You can even mount it on a standard tripod (not included). For product specification please refer to our website.



NK2804

Observe on a grand scale with extra-large magnifiers, sized perfectly for small hands. Flip-out stands on each magnifier allow for engaged, hands-free viewing. Each magnifier's super-safe, plastic lens measures 11.5cm in diameter and offers 4.5x magnification. Set of 6 comes organised in a convenient stand. Magnifiers measure 20cm long.

Pack of 12 View objects up close with this set of 12 magnifiers. Each magnifier measures 15.5cm long, with a diameter of 7.5cm. The magnification is 5x. Both the frame and handle are made of plastic. Perfect for little hands!



Bigjigs – Wooden Magnifying Glass BJT305-6K

This lovely, natural wood magnifying glass is perfect for helping children get closer to nature. Perfectly sized for small hands it measures 12 \times 23cm long. It is a set of 6 magnifying glasses.



Rainbow Magnifiers with Stand KNB001 Set of 6

These jumbo magnifiers are made from high-grade ABS, perfect for classroom use. Their chunky design makes them perfect for young children to use. Magnifier including frame is $12(L) \times 18(H)$ cm, the lens measures 6.5cm in diameter. Contents: 6 magnifiers in 6 colours with a glass lens (two 3x, two 5x and two 8x magnification) and a wire storage rack.





Tuzzles - Magnifier Investigation Box BS834 \$57.95

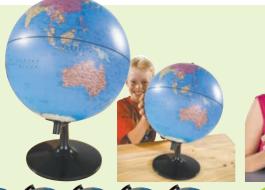
Students can investigate various objects up-close with this Magnifier Investigation Box. Examine and compare the textures, the colours and the shapes of both natural and man-made objects and discuss their findings. The box measures 30(L) x 20(H)cm.





The large magnifying set is ideal for inspecting specimens from nature trips. The millimetre grid on the base of the pot means that the actual size of the specimen is easily recorded. The stand (supplied) also makes it an excellent free-standing desk-top magnifier (lens magnification: x2.3). Supplied with a product guide. The magnifier measures 10 x 11cm.

World Globe Class Set FD36833 Set of 13 \$174.95 FD36830 Small Desk Globe - Each \$18.95 FD36830-6 Small Desk Globes - Set of 6 \$99.95 FD36899 Large Desk Globe - Each \$42.95 FD36899-4 Large Desk Globes - Set of 4 \$149.95 With this set, students can have their own globe on their desk while the teacher demonstrates subjects like geography and the environment on the large globe. The set (FD36833) consists of 1 large globe (FD36899) and 12 small globes (FD36830). Both globes consist of 2 pieces and show up-to-date geographical maps. Sizes: large globe is 28cm in diameter, the small globe is





Set of 13





Puzzle Globe - 20cm \$59.95 LER7735 Each

Teaching geography to little ones has never been easier, or more fun! Each removable continent features a different shaped post that fits only one area on the globe, allowing for self-correction. Continents also include animals and famous landmarks. Includes base (with oceans labelled), rotatable globe, 6 continent puzzle pieces, 6 continent labels, and blank labels stickers. Size: 20cm in diameter



Model of Earth's **Internal Structure** NK0201 \$89.95 Each

This model shows Earth's internal structure. It shows Earth's crust, mantle, the outer centrosphere and the inner centrosphere. The model is 32cm in 32cm diameter.







World Map - Australia Centred AG101 \$87.95

Large detailed world map. Europe, the Arctic and Antarctic are shown in a detailed inset. Schoolchildren will find this map an invaluable geographic resource as they learn about the world, its countries and its peoples. Size: 138(W) x 92.5(H)cm.





Map of Australia & Neighbours

AG102 \$32.95

This map will help you navigate the waters of Australia's territories. It provides a fascinating insight into the political history of Australia's sea limits and our relationships with other nations in the Western Pacific. Size: 68(L) x 50(H)cm.

Light, Colour, **Refraction & Reflection Kit**

Learn everything about colour mixing, rays of light, reflection and refraction! This kit is a great collection of resources to learn about focal points, angles of light rays and much more. Contents may vary.





This ray box uses LED light and is battery operated, therefore the body of the box will not heat up with high power bulbs. A front opening provides 7 grooves for accessories and lenses. Perfect for experiments with divergent and convergent light rays. Supplied with 2 metres of flex and two 4mm plugs, 12V, 24W B15 bulb, bulb holder, slit plate, aluminium blanking plates and working instructions.



Set of 7 Acrylic Blocks EIS0571 Set of 7 \$56.95

A great set of 7 clear acrylic blocks, all 25mm thick in a wooden storage box. Contents: rectangle (75 x 50mm), semi circular (75mm dia.), triangle 60° x 60° x 60° (58mm side), triangle 90° x 45° x 45° (75mm hypotenuse), triangle 90° x 60° x 30° (75mm, hypotenuse), bi-convex (75mm long, curved faces 100mm radius), bi-concave (75mm, curved faces 100mm radius).



LED Ray Box & Acrylic Blocks Kit EIS0571K \$89.95

Kit of 1x Acrylic Blocks Set (EISO571) and 1x LED Ray Box (EISO06RB).

\$106.90 **SAVE \$16.95**



- Optical bench
- Glow in the dark LED torches Set of 12
- Newton colour mixing model
- LED ray box
- Acrylic blocks Set of 7
- · Glass lenses Set of 6
- Refraction tank Set of 4



Explore and Discover Science Viewers \$89.95 LS427

Our irresistible viewers let children explore the world around them - through 10 different lenses! The set includes 10 wooden viewers, each with a specially designed lens for discovering colour, light or magnified objects. Viewers measure 4.4cm. Ages of interest:

3-6 years



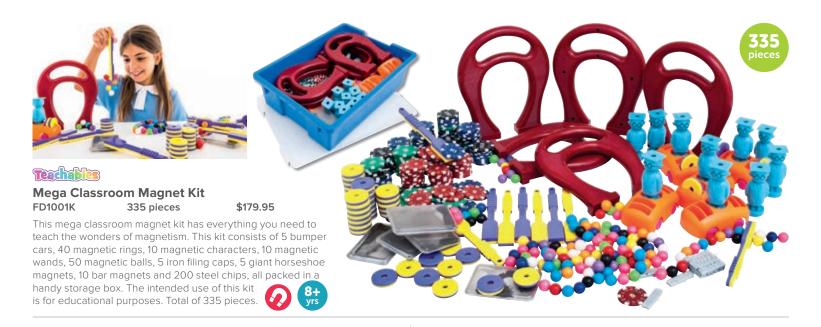
Glow in the Dark Torch - Assorted Colours LED UB0241 Each

UB0241K Set of 16

These torches have 9 white LED lights, making them super bright! They also glow in the dark, so they are easy to find during a power cut. Each torch measures 9cm long x 2.6cm in diameter. They have a rubber grip and an aluminium head and end. A rubber push button turns the torches on and off. The torches are supplied in assorted colours (green, yellow and pink) and require 3 'AAA' batteries (not included). Children can explore light, shadow, shape and colour with this durable and hard wearing torch.

\$3.95

\$56.95





Lakeshore

Magnet Kit LS512-1

Over 100 pieces

\$159.95

This kit has all your classroom needs, including horseshoe magnets, powerful bar magnets, magnetic wands, compasses and more. Plus, you get handy activity cards filled with 10 fun experiments and a non-fiction book to introduce concepts and reinforce key ideas!

Total of over 100 pieces, in a tub.







Magnet Essentials Kit LELO01K 148 pieces

\$99.95

A great starter set to teach the basic principles of magnetism. The set includes 14 magnetic wands in 7 colours, each measuring 20cm, 14 colourful rectangles $(6 \times 2.8 \times 1.3 \text{cm}), 20 \text{ jumbo magnetic}$

marbles (3.4cm in diameter) and a set of 100 steel ringed chips.





\$135.65 **SAVE \$35.70**



Super Magnet Classroom Lab Kit LER2064 224 pieces \$69.95

Get magnetised! Everyone can explore hands-on with this complete 224-piece magnetic classroom set for 25 students. Includes: 100 magnetic chips, 100 magnetic paper clips, 10 marbles, 7 magnetic wands, 2 metal bar magnets, 2 metal ring magnets, 2 mini metal horseshoe magnets, 1 large plastic horseshoe magnet, teacher's guide and storage box.





STEM lessons are irrisistible when you add the excitement of magnets! Learn all about the properties of magnetism in a fun, colourful way. Pieces include a horseshoe magnet, magnetic post, maze, 4 colour-coded ring magnets, 2 colour-coded bar magnets, 2 magnetic bugs and 2 snap-on cars to bring investigations to life. Also includes 10 double-sided activity cards (20 activities!) about attraction, repulsion and more. Comes with extensive teacher notes. Maze measures 28 x 21.5cm.

The intended use of the products featured on this page are for educational purposes only. Adult supervision is required. Seek immediate medical attention if magnets are swallowed or inhaled.



This investigation box is a great way to find out which materials are attracted to magnets and which ones are not. The box measures 30 x 20cm. Ages 6+ years



Lakeshore

Large Magnetic Field Wonder Window LS501 \$109.95

Let magnets glide over the top to get an incredible view of magnetism in action! Size 25(L) x 20(H)cm. Illustrated magnets not included.



Plastic Cased Bar Magnets EIS7850 Set of 10

\$39.95

Red and blue plastic covered bar magnets. These magnets are attractive as well as an easy way to teach magnetic attraction and repulsion. Ages 8+ years





\$57.95

Magnetic Wands

Set of 7 \$34.95

A set of 7 magnetic wands, supplied in 7 vibrant colours. Each wand measures 20cm. Colours may vary. Ages 8+ years



Round Iron Filing Discs CT50351 Set of 10 \$35.95

Filings encased in a plastic bubble, used to observe the effects of invisible magnetic fields. Supplied in a set of 10 discs. Each disc measures 8.5cm in diameter.



A fun way to learn about magnetism, develop visual matching skills and improve hand/eye co-ordination. Each ring is magnetic. When the rings are stacked they either attract the next ring (snap together), or repel the next ring (push apart or cause it to float). The set consists of 40 challenge cards, 10 Magnetic Rings (3 Blue, 3 Red, 2 Yellow, and 2 green). Each ring is 3.4cm in diameter. Ages 5+ years



LEL333

BS833



Giant **Magnetic Tube** CT50066 \$42.95

This giant magnetic tube has a double wall with iron filings between the two layers to show a 3-dimensional view of the magnetic field around the magnet supplied. The magnet is removable and the filings are safely encased. Size: 9cm diameter x 13cm high.



Jumbo Magnetic Marbles LEL160 Set of 10

The jumbo sized magnetic marbles measure approximately 3.4cm in diameter. Watch as they spin, attract and repel each other on a table a fun way to learn about magnetism! A set of 10 marbles. Ages 8+ years



\$12.95



Iron Filings Case LEL0220

\$4.95

This case contains iron filings which will be attracted to a magnet. Size: 9.5 x 7cm. Ages 6+ years

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Using Gigo's Learning Lab electrical building blocks, kids will learn about series and parallel connection, as well as simple circuit designs by assembling common devices from our daily lives, such as a traffic light, an alarm and a torch, developing knowledge of electricity in the process. The set includes 20 lesson plans, including 16 models and 4 creative works, a student workbook, and 3D Smart Manual to view the model on your tablet in 3D.



Economy Electricity Kit EIS1057

\$46.95

A basic assortment of circuit components. Contents: 10x MES lamp holders, 10x MES bulbs, 1x 6V buzzer with connecting leads, 1x electric motor 3-6V, 5x DPDT slide switches, 1x 1.5V cell holder and 10x crocodile leads. Ages 6+ years





Click Electronics Explorers Kit NK1005

\$76.95

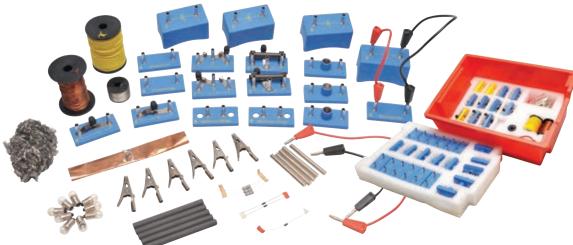
Over 180 exciting experiments! This explorer's kit is designed to teach children about motors, switches, sound and light. Students learn about resistance, voltage, current and the relation between them, while doing exciting experiments. Simply snap the components together! Comes with an extensive guide full of experiments and step-by-step instructions. Ages 7+ vears



Over 1200 exciting experiments! The extreme kit is specially designed to further challenge the students and build upon the skills already learnt and to increase knowledge of the principles of electronics in a fun way. Students can experiment by designing their own circuits and using real-life situations as inspiration. Find out about motors, switches, light, sound modules, MW radio, sensors, FM radio, resistance, capacitance, sound recording and more. Simply snap the components together! Comes with an extensive instruction guide. Ages 11+ years

Electricity Classroom Kits

These electricity kits are designed as an alternative to the 'circuit-board' to teach introductory electricity. The kits include well structured instructional material and robust components mounted on tough, plastic bases, each with two 4mm sockets. Each of the sets is packed in polystyrene trays for protection. For full specifications per set, please refer to our website.



Basic Electricity Kit A \$127.95 EIS2011 37 pieces

"This kit is suitable for a group of up to 6 students. The manual included introduces each of the equipment and a range of tasks and investigations.

Components

- 6x D-sized battery holders (without batteries)
- 6x Bulbs in holders
- 3x Press switches
- 3x Two-way switches
- 18x Connecting leads
- Bookle

Basic Electricity Kit B EIS2012 56 pieces

Each class needs only one of this Basic Electricity Kit B.

\$129.95

Components

- 20 Replacement bulbs
- 4x Variable resistors
- · 3x Motors
- 3x Buzzers
- 2x Electrodes holders
- 3x Diodes
- 3x Fixed resistors
- 4x Universal clips with 8 crocodile clips
- 6x Steel rods
- 6x Carbon rods
- Reel of plastic coated wire
- Manual

Basic Electricity Kit C EIS2014 56 pieces

\$129.95

The work cards included cover the following subjects: lighting a lamp, using a switch, lamps in series and parallel, conductors and insulators, heat from electricity, using motors, a model house, and making an electromagnet.

Components

- 6 D-battery holders (batteries not included
- 6 bulb holders
- 6 bulbs
- 3 on/off switches
- 2 two-way switches
- buzzer
- motor
- · reel of nichrome wire
- 10 crocodile leads

Basic Electricity Kit D EIS2010 172 pieces

The Basic Electricity Kit has been designed as a low-cost, attractive and flexible alternative to the 'circuitboard' approach to investigate simple circuits. Each component such as the switch, light bulb holder, rheostat, etc., is mounted on its own individual

plastic panel with 4mm sockets. The panels are then formed into circuits by connecting them together using

Components

4mm stackable leads.

- 12x D-Sided battery holders (without batteries)
- 4x Electrode holders
- 12x 4mm leads black 10cm
- 4x 4mm leads black 25cm
- 12x 4mm leads red 10cm
- 4x 4mm leads red 25cm
- 8x Crocodile clips
- 4x Universal clips
- 4x Change-over switches
- 8x Push switches
- 40x Bulbs (4.5V, 0.3A)
- 20x Bulb Holders
- 12x Carbon rods
- 8x Soft iron rods
- · 4x Silicon diodes
- 50g 'Eureka' wire bare 34swg
- 50m Copper wire bare 20swg
- 50m Insulated copper wire
- 1x Pack of steel wool
- 4x Fixed resistors
- 4x Rheostat units
- 1x Copper foil sheet 1 x 15cm
- 1x Teacher's book
- 2x Student books
- 2x Polystyrene storage trays



This set allows students to experiment with wind and water power. Students will investigate the science behind these energy sources and the technologies that make them useful. Build 7 models, one at the time. Suitable for 2-3 students working in small groups. Ages 9+ years.



This set allows students to harness the energy of the sun and convert it into electricity to power the K'NEX models. Build 3 solar powered models, one at a time. Suitable for 2-3 students working in small groups. Ages 9+ years.



K'Nex Simple Machines Deluxe 3447 Pieces

This set is designed to introduce students to the scientific concepts associated with simple machines: levers, pulleys, wheels and axles, inclined planes, including wedge and screw and gears. As students build and investigate, they are encouraged to discuss and evaluate the scientific principles in action. Build up to 60 models! Suitable for Years 3 to 8.

Key concepts

- Simple machines
- Energy transfer
- Effort and resistance forces
- Mechanical advantage
- Motion and forces









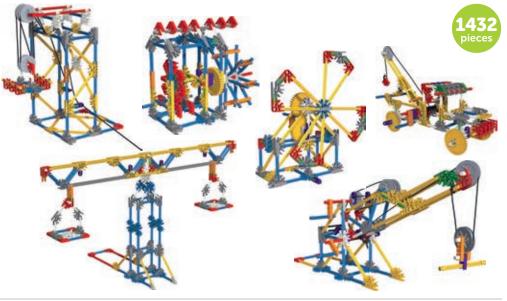






K'NEX Exploring Machines Set KN7860 1432 pieces \$249.95

Build 30 different models with this comprehensive 1432-piece simple machines set. The kit allows 4 groups to build a specific model simultaneously if required. The models demonstrate levers, pulley systems, wheels and axles, inclined planes, screws and wedges. Also focuses on spur, crown, sprocket, rack and pinion, transmission and differential gear systems. The 70-page teacher's guide contains both key facts and 14 inquiry-based lesson plans. Ages 8+ years













K'NEX Introduction to Simple Machines

KN78610K	Kit of 3	\$189.95
KN78610	Levers & Pulleys - 178pc	\$69.95
KN78620	Wheels Axles & Inclined Planes - 221pc	\$69.95
KN78630	Gears - 198pc	\$69.95

STEM Education focuses on science, technology, engineering and mathematics concepts taught through problem-solving, discovery, exploratory learning and critical thinking. These K'NEX models offer hands-on learning opportunities that supports these learning outcomes. The inquiry-based lessons challenge students as they build, investigate, problem solve, discuss, and evaluate scientific and design principles in action. Each set comes with teacher's guide. Find more information about each individual set on our website.





EIS0020SM \$32.95

With large block on the head of the screw to give additional leverage. Size: 20 x 10 x 11cm.



Block & Tackle EIS0021SM \$32.95

This model shows how the use of multiple pulleys can increase the mechanical advantage. Size: 17 x 12 x 22cm.



Inclined **Plane**

EISO010SM

\$27.50 With a shallow indent for adding additional mass if needed. With rubber wheels and grooves in the track of the inclined plane. Size: 42 x 8.2cm with an adjustable height.



This apparatus can model how gears work at a basic level to make work easier. The base is 16.5 x 8.9cm, 41cm tall.



Wedge EISO014SM \$25.95

This model can be used to demonstrate how a wedge can increase mechanical advantage. Size:

35 x 9.5cm base with adjustable height.



This model can demonstrate how gears can turn rotational motion into translational motion. The base is 40×6 cm and the model is 15.2cm tall.



Pulley EIS0012SM \$25.95

This model shows mechanical advantage created by pulleys. Size: base 16.5 x 8.9cm and 41cm tall.



Pendulum EIS0013SM \$25.95

Study the relation between length of the pendulum and period of the bob. Size: base 8.9 x 16.5cm, 39.5cm with 30cm adjustable pendulum.



Motion Converter EIS0016SM \$38.95

Show your students how rotational motion can be converted into linear motion with this motion converter. The gears are 12cm in diameter and are mounted on a 38.5 x 6.8cm base. The model is 14.5cm tall.



Study how changing the distance from the fulcrum changes the mechanical advantage. Students can intuitively figure out the balance point for a given set of masses. Size: 22 x 5.5cm with a height of 13.3cm. The lever arm is 45cm



Study levers and mechanical advantage both qualitatively and quantitatively. Size: base 22 x 7cm, the lever arm is 19cm.



Wheel & Axle EIS0019SM \$24.95

This model can show how a crane works, as well as several other uses for a wheel and axle. Size: base 24 x 9.5cm. Stands 11.5cm high.





Wooden Simple Machines Class Set EIS0019K Set of 12 \$279.95

These wooden simple machines are a great resource to show your students how simple machines can provide mechanical advantage and change the magnitude and direction of a force. Each model has a sturdy construction, perfect for classroom use. The models come with detailed instructions and activities.





Block Play Simple Machines - Conveyor Belt LS0202 \$79.95

Students move a wedge around to see if a change in angle makes work easier or more challenging! The conveyor belt measures 32cm long. Blocks not included.



Block Play Simple Machines - Elevator LS0203 \$89.95

Students see how simple machines make work easier with our real-working wooden replicas! The wooden platform moves up and down with a spin of the knob. The elevator measures 23cm tall. Accessories not included.



Students turn the crank to activate the pulley system and watch the platform move up and down. The sky crane measures 33cm tall. Accessories not included.

\$99.95

Machines - Sky Crane

LS0204



Block Play Simple Machines Kit

LS0200K

Set of 3

\$239.95

Students get hands-on experience with cause & effect as they raise and lower objects on an elevator, move blocks on a conveyor belt & more. Plus, they'll gain insight into how full-sized machines make big jobs easier. This kit includes one of each of the Conveyor Belt (LS0202), the Elevator (LS0203) and the Sky Crane (LS0204).

\$269.85 \$**239**95 SAVE \$29.90

Forces & Simple Machines GG1234 Each set

GG1234 GG1234K Set of 4

\$99.95 \$339.95

Using Gigo's construction blocks, kids can build models of cranes and scales within the courses while they learn about the principles behind the movement of force, levers, inclined planes, axles and some other simple machines. The set includes 20 lesson plans, including 16 models and 4 creative works, a student workbook, and 3D Smart Manual to view the model on your tablet in 3D. Each lesson plan consists of an introduction with theory, building instructions, the experiment, improvements and evaluation.

Learning Lab – Motion & Mechanism GG1235 Each set – 20 Modules \$109.95 GG1235K Set of 4 \$339.95

Using Gigo's Learning Lab construction blocks as a foundation, kids can learn the designs of complex transport machines, and understand the movement and the function of different types of mechanical structures, including: gear racks, cams, and worm gears. It helps kids to develop the foundations of mechanical machine design. The set includes 20 lesson plans, including 16 models and 4 creative works, a student workbook, and 3D Smart Manual to view the model on your tablet in 3D. Each lesson plan consists of an introduction with theory, building instructions, the experiment, improvements and evaluation.







Simple Machines Curriculum Solution LEG9689 Set \$99.95

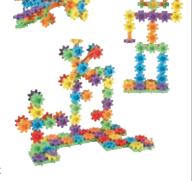
Features 16 principle models, four main models and four problem-solving models that enable students to investigate and understand the operation of simple and compound machines found in everyday life: gears, wheels and axles, levers and pulleys.



Simple & Powered Machines Curriculum Solution LEG9686 \$279.95 Set

This is the core brick set for our 8+ range of Machines & Mechanisms sets. Features building instruction booklets for 10 principle models and 18 main models designed to teach students about the mechanical and structural principles of everyday machines and structures. Ages 9+ years





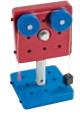
Gears! Gears! Super Set LER9164 150 pieces \$104.95

Even young children will intuitively use problem-solving and engineering skills to create moving masterpieces of spinning, colourful actions! This play set features 150 plastic meshing gears, connectors and interlocking bases that offer hundreds of 3-dimensional construction possibilities. Packed in a giant storage tub with an activity guide. Ages 3+ years You Tube



Gears! Gears! Build & Bloom Flower LER9214D 116 pieces \$81.95

Mix, match and create your own beautiful, spinning flower garden! Set of 116 includes: colourful gears, flowers, butterflies, bees, ladybirds, wiggly stems and more! Parts are all interchangeable, allowing for endless combinations and designs. Ages 4+ years









Simple Machines Discovery Set LER2442 63 pieces \$76.95

Students can construct, examine and explain simple machines to develop a deeper understanding of how they make work easier. Contains enough pieces to build a lever, pulley, inclined plane, wheel and axle, and wedge—all at the same time. Modify machines with 4 included weights (two 5g and two 10g) and 8 included rubber bands to explore effort, force, load, motion and distance. Set of 63 pieces, includes activity guide.





Simple Machines Activity Cards Set LER7442 Set

Twenty double-sided write & wipe cards offering nearly 40 hands-on activities and problem-solving opportunities. It support investigations of simple machines through real-world example. Use in combination with Simple Machines Set (LER2442).



Kit includes

Cew

- 50 graduated beakers in 5 volumes (10 each of 50ml, 100ml, 250ml, 500ml and 1000ml)
- 30 graduated measuring jugs in 3 volumes (10 each of 250ml, 500ml and 1000m)
- 70 graduated cylinders in 7 volumes (10 each of 10ml, 25ml, 50ml, 100ml, 250ml, 500ml and 1000ml)
- 15 wash bottles in 3 volumes (5 each of 125ml, 250ml and 500ml)

Graduated Beaker – Polypropylene

Set of 5	\$17.95
50ml	\$1.75
100ml	\$2.10
250ml	\$2.95
500ml	\$3.50
1000ml	\$8.50
	50ml 100ml 250ml 500ml

Raised graduations on the outer surface with tapered spout. A valuable tool for measuring volume class. The set of 5 (EIS137E) consists of 50ml, 100ml, 250ml, 500ml and 1000ml.

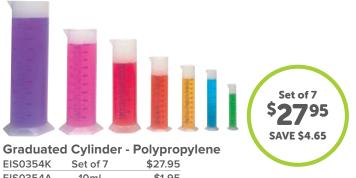




Graduated Measuring Jug - Polypropylene

EIS0356K	Set of 3	\$9.95
EIS0356A	250ml	\$2.95
EIS0356B	500ml	\$4.05
EIS0356C	1000ml	\$4.60
EIS0356DM	2000ml	\$5.60

These polypropylene, clear and autoclavable measuring jugs have good chemical resistance. They come with handle for easy lifting and pouring. The kit includes one of each of the 250ml, 500ml and 1000ml jugs.



Oladate	a Oymnacı	1 019 61 06
EIS0354K	Set of 7	\$27.95
EIS0354A	10ml	\$1.95
EIS0354B	25ml	\$2.15
EIS0354C	50ml	\$2.60
EIS0354D	100ml	\$2.95
EIS0354E	250ml	\$4.60
EIS0354F	500ml	\$6.85
EIS0354G	1000ml	\$11.50

These hexagonal cylinders are made of polypropylene. Single piece, autoclavable, graduated and with excellent contact clarity. Base provides good stability. EISO354K includes one of each.



Wash Bottles - Polypropylene

FISUIOUK	361013	\$0.70
EIS0180A	125ml	\$2.20
EIS0180B	250ml	\$2.95
EIS0180C	500ml	\$4.50

Polyethylene, translucent & unbreakable. Graduated Wash bottles with delivery tube. The cap is fitted with a flexible polyethylene delivery tube which can be aimed wherever required. The kit includes one of each of 125ml, 250ml and 500ml.

Measuring Containers DM1033 Set of 18 \$42.95

Long lasting measuring containers with wide mouths for easy measuring. The set contains 10 x 100ml, 5 x 200ml, 2 x 500ml and 1 x 1 litre containers.





Reagent Bottle -Polypropylene

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EIS0172K	Set of 3	\$7.50
EIS0172B	125ml	\$2.95
EIS0172C	250ml	\$3.10
EIS0172D	500ml	\$3.95

Ideal school reagent bottles made from rigid and leak-proof polypropylene. Perfect for the storage of chemicals in liquid or powder form. The kit includes one of each of the 125ml, 250ml and 500ml reagent bottles.

From only

\$325

EACH*

Beaker - Glass

EISKIT4 **Bulk Pack** \$429.95 EIS11015 50ml - Pack of 12 \$25.95 EIS11011 100ml - Pack of 12 \$29.95 EIS11010 150ml - Pack of 12 \$32.95 EIS11012 250ml - Pack of 12 \$33.95 EIS11013 500ml - Pack of 6 \$35.95

These beakers are made of borosilicate glass, graduated with spout. Great durability and heat resistance. The bulk kit includes 36 beakers of each

volume, a total of 180 beakers.

From only **\$21**6 **EACH***



Erlenmeyer Flask Borosilicate Glass

EISKIT6 **Bulk Pack** \$389.95 EIS0424C 50ml - Pack of 12 \$38.95 EIS0424D 100ml - Pack of 12 \$48.95 EIS0424F 250ml - Pack of 12 \$53.95 EIS0424G 500ml - Pack of 6 \$53.95 EIS0424H 1000ml - Pack of 6 \$89.95

These Erlenmeyer flasks are made of borosilicate glass and have a narrow neck. They are used for mixing liquids. The bulk pack includes 12 flasks of 50ml, 100ml, 500ml and 1000ml, and 36 flasks of 250ml, a total of 84 flasks.

Boiling Flask Glass – Round Bottom

EISKIT7 **Bulk Pack** \$299.95 EIS0402E 250ml - Pack of 12 \$49.95 500ml - Pack of 6 \$45.95 EIS0402F EIS0402G 1000ml - Pack of 6 \$87.95

These boiling flasks have a round bottom and narrow neck. They are useful for performing mixing, heating, distillation, cooling, precipitation, condensation and other processes. The bulk pack includes 24 flasks of 250ml and 12 flasks of 500ml and 1000ml, a total of 48 flasks.

> From only \$416 **EACH***



Boiling Flask Glass – Flat Bottom

EISKIT5 🐠	💴 🛮 Bulk Pack	\$399.95
EIS0410C	100ml - Pack of 12	\$46.95
EISO410E	250ml - Pack of 12	\$69.95
EISO410F	500ml - Pack of 6	\$55.95
EIS0410G	1000ml - Pack of 6	\$95.95

These boiling flasks have a flat bottom and narrow neck, which allows them to stand on a level surface. They are useful for performing mixing, heating, distillation, cooling, precipitation, condensation and other processes. The bulk pack includes 24 flasks of 250ml

and 12 flasks of 500ml and 1000ml, a total of 72 flasks.

> From only \$**Z**91 **EACH***



Graduated Cylinder Glass

EISKIT8	Bulk Pack	\$499.95
EIS0344A	10ml - Pack of 2	\$8.50
EIS0344A1	25ml - Pack of 2	\$9.95
EIS0344B	50ml - Pack of 2	\$11.50
EIS0344C	100ml - Pack of 2	\$14.50
EIS0344D	250ml - Pack of 2	\$19.95
EIS0344E	500ml - Pack of 2	\$17.50

These graduated cylinders are made of borosilicate glass and have a round base with spout. They are used for measuring liquids and chemicals for use in reactions. The buck pack includes 4 cylinders of 10ml and 25ml, 8 cylinders of 50ml, 24 cylinders of 100ml and 250ml and 12 cylinders

of 500ml, a total of 76 cylinders.

From only **\$1**25 EACH*



Separating Funnel EIS0479C 250ml EIS0479D 500ml

Borosilicate glass with interchangeable plastic stopper and PTFE Key stopcock. The 250ml funnel has a socket size of 19/26, the 500ml funnel has a socket size of 24/29.



\$29.95

Clear Dropping Bottle EIS0194B 50ml

Clear borosilicate glass dropping bottle.



\$7.50



\$25.95

Easy Grip Tweezers LER1963 Pack of 12

These extra large (15cm) tweezers have a comfortable grip and are excellent for small hands. Supplied in assorted colours. A guide with suggested activities is included.



Hands-On Science Centre

LS425 96 pieces

The easy-access centre is filled with over 90 hands-on tools - from magnets and magnifiers to thermometers and mirrors! There are 12 of each top quality tool shown, so the whole class can participate in observations and experiments, all packed in a sturdy 40 cm chipboard chest with a labelled compartment for each tool.

\$459.95



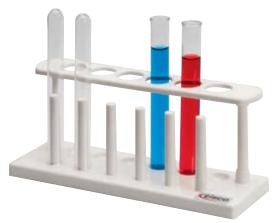
Super-Safe Eye Droppers LS446 Pack of 12

A durable shatterproof dropper made of clear plastic with a rubber bulb. Pack of 12 each measuring 8.5cm long.





These borosilicate glass test tubes are available with and without rim and in different sizes. The wall thickness is 1.2mm.



\$21.95

Test Tube Stand Polypropylene EIS0694B

Polypropylene, autoclavable and has 6 place racks supported by 2 columns. It has six vertical pins for drying tubes. Colour may vary. Illustrated test tubes sold separately.



Test Tube Stand

EIS0708B \$9.50 1.6cm dia x 31 Tubes EIS0708J \$4.95 1.8cm dia x 12 Tubes

Polypropylene and autoclavable, with 3-tier design. It provides a clear view of the tube contents & convenient insertion and removal of the tubes.

Recycling Stations

Always wondered if the waste recycling has been done correctly and which type of waste should go in which bin? Introducing transparent recycling bins which allow you to see what's inside the bin, promoting the correct recycling of waste. The black bins are also still available, and the lids are compatible with both the transparent and black base. The transparent bins are available in 30L bins. The 30L bins measure 57.5(H) x 41(W) x 30(L)cm. The bins come with a swing lid. The black bins are available in 30L and 60L. The 60L bins measure 69(H) x 43(W) x 50(L) cm and come with a foot pedal. Each set comes in 4 colours - blue, green, yellow and red. They are also available individually.

30 Litre - Transparent

RGP030KT	Set of 4	\$139.95
RGP031T	Red	\$36.95
RGP032T	Yellow	\$36.95
RGP033T	Green	\$36.95
RGP034T	Blue	\$36.95

Set of 4 **SAVE \$19.65**





30 Litre – Black			
RGP030K	Set of 4	\$99.95	
RGP031	Red	\$28.90	
RGP032	Yellow	\$28.90	
RGP033	Green	\$28.90	
RGP034	Blue	\$28.90	

Set of 4 \$**99**95 **SAVE \$15.65**



60 Litre	– Black	
RGP060K	Set of 4	\$249.95
RGP061	Red	\$69.95
RGP062	Yellow	\$69.95
RGP063	Green	\$69.95
RGP064	Blue	\$69.95

SAVE \$53.65



With foot pedal



The worm farm is a smart and clever way to convert waste into a fertile compost. The farm has 3 crates and a base crate with a tap to enable the fertile liquid to be drained as required. As children use the farm they learn about converting plant waste into compost. When assembled the farm measures 70.6(H) x 55(L)x 40(W)cm.



SAVE \$9.95



Our Wriggly Worm Farm Big Book MJI0008 \$49.95

An educational and fun way to learn about worm farms. Learn how your worm farm can reduce world pollution. Written, illustrated and printed in Australia. Big Book size 42 x 31cm. 32 pages.

Worm Farm Bin & Big Book Set

RGP0021K \$159.95

Set of the worm farm (RGP0021) and Our Wiggly Worm Farm Big Book (MJI0008).



Save with our Super Buys

Composting & Recycling Class Kit RGP1000K \$499.90

This kit consists a worm farm, a raised garden bed and 4 60-litre recycling bins. An ideal set to learn about recycling and composting! Students will learn to look after the environment by recycling waste, but also how to look after nature. They will understand where our food comes from and how we can use food scraps to create a fertiliser for our seeds. An all-round garden kit to reinforce sustainable practise in any school or centre!





Geological Changes Kit

ESC010E \$249.95

Learn about Earth's geological changes with this curriculum kit. See what the inside of a volcano looks like, learn about fractures, faults and dislocations caused by moving Earth plates and see how you can measure the magnitude and duration of an earthquake with the seismograph.

Kit includes

- Volcano model
- Seismograph
- · Fractions, Fault & Dislocation model





Life Cycles Kit ESC004B \$249.95

Explore life cycles of different animals and plants. Contents may vary.

Kit includes

- Magnetic wall sticker life cycles
- Mini beasts frog life cycle
- · Mini beasts honey bee life cycle
- Seed germination model
- Vegetable root viewer



\$623.50







