mta modern teaching aids Science & Lab Equipment 2017

Magnetism Simple Machines Human Anatomy Maps & Globes



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Science & Lab Equipment

8x Rubber Tubing for Bunsen Burners

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Scales	89	• 12x 100ml Glass Beaker	EIS11011	 5x 250ml Wash Bottles
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Weather	88	 5x Test Tube Brush 	EIS0204C	
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Worm Farms	19	Resource features and i	nformation	
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		New in 2017	Magnetic	Includes Storage
-0-0'				Download the Area
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Just add \$200 of Art & Cra			Green Choice	Machine Washable
Stationery or Health & Hygi	ene			

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EIS0216B

EIS0180B

EIS0093H

EIS0100A

EIS0645A

EIS0649K

EIS0672B

EIS0687

NK0906

EIS0667

Curriculum Link

Soft Fall required

Art Activity

CD included

NK1502

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Valid until 31st December 2017. Promotional value excludes GST & freight. *Offer excludes export & new projects.



FSC



Super Buys



mta

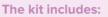


Aquaponic Flower Tower Kit RGP0020K \$339.95

Demonstrate how aguaponics work both indoors and outdoors. Fish in the fish tank produce waste, which is turned into fertiliser for plants by microbes and worms. The plants use this as nutrients to grow, while filtering the water that goes back to the fish. A perfect ecosystem for both plants and fish! Just add fish and you are ready to go!







- 1x large outdoor Aquaponics Flower Tower (RGP0020)
- 1x indoor Aquaponics system (PNP501)
- 2x Curled Parsley (DTB2231)
- 2x Nasturtium Flower Seeds (DTB0306)
- 2x Heartsease Johnny Jump Flower Seeds (DTB2457)
- 2x Chives (DTB2705)
- 2x Sweet Basil (DTB2702)





and skeletal system (EC0100K). World Globe Class Set

LER6044K \$899.95

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 13cm in diameter.

95 95 95 5 \$270.35 NOW ONLY



SAVE \$95.40



Super Buys



Slope, Halls Cars & Weights Kit TTS7018-K Kit

Reinforce concepts like friction, gravity, speed, velocity, distance and much more with this Slope, Hall's Cars & Weights kit.



Electricity Class Kit

EIS2010K Kit \$599.95 These electricity class kits are designed as an alternative to the 'circuit-boards' to teach

introductory electricity. The kits include well structured instructional material and robust components mounted on tough, plastic bases, each with 4mm sockets. Each of the sets is packed in polystyrene trays for protection. This set consits of one of each of the sets: Basic Electricity A, B, C and D (EIS2010, EIS2011, EIS2011 and EIS2014). A total of 321 pieces, including battery holders, motors, buzzers, leads, crocodile clips, switches and much more! For a full list of components, please refer to our website

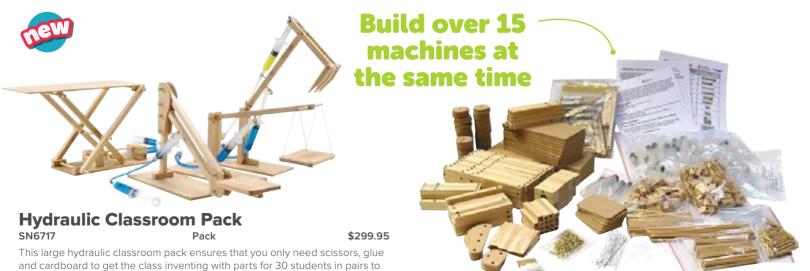




This set includes 1 of each:

- Slope Kit with 2 Double-Sided Boards (TTS7018)
- Hall's Car Pair for Dynamics Experiments (EIS0351A)
- Plastic Weights Set of 54 (NK1109)





build over 15 machines with an average of 4 pistons per machine.







mta

Makey Makey GO MKK002-10 Set of 10

\$399.95

Makey Makey GO allows today's tinkerers, dreamers, and makers the mobility to invent anytime, anywhere. Makey Makey GO enables you to invent on the go – and change the world – with the snap of an alligator clip, transforming everyday objects into Internet touchpads. The small size of the Makey Makey GO promises to inspire even more science, technology, engineering, and math (STEM) projects than the original! Just plug, clip, and play! No programing knowledge needed. No software to install. Works with Mac and Windows. Included: 1 USB Invention Stick, a case with magnet, 1 white alligator clip (2.5 ft), a keyring, and instruction guide.



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.



Plasticware Classroom Value Kit Kit

EISKIT3

Stock up on your most used plasticwares with this value pack!

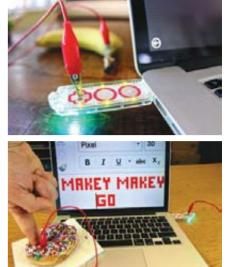
\$499.95













Kit includes

- 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)







Super Buys

Makerspace Technology Pack - Upper Primary / High School MS600K \$3,899.95

This Technology Pack will take coding and programing to the next level. The robots can be used by students from an intermediate to advanced level in programming and coding. Students can program their drone or build projects with the littleBits Arduino Kit. A wide variety of platforms will create a strong knowledge base for jobs of the future.

Kit includes

- Makey Makey (MKK001)
- 2x CoDrone (CDR001)
- 2x Edison V2.0 (EDM001-V2)
- 2x LEGO Education EV3 (LEG45544-1)
- 2x Makeblock Ultimate Bot V2.0 (MB90040)
- 1x littleBits Arduino Starter Set (LIB606)





Makerspace Circuits Kit MS110K \$1,299.95

Learn about circuits with different digital systems. This set includes Makey Makey, littleBits and Click Electronics to understand how circuits work. Reallife models can be rebuild to visualise the concept.

Kit includes

- 5x Makey Makey (MKK001)
- 1x littleBits STEAM Student Set (LIB847)
- 1x littleBits Logic Modules Set of 6 (LIB800K)
- 2x Click Electronics Extreme Kit (NK1006)



Kit includes

1x K'NEX - Introductory Building Set 705 pieces (KN12211)

1x Straw Beads Heavy Duty - Pack of 218 (RE2152)

1x Galt - Connecta Straws (GN0545)

1x Balsa Wood Box Assorted Sizes 3kg (ATM10801)

1x Paddle Pop Sticks Plain - Pack of 1000 (JM67) 1x Scratch Wooden Sticks - Pack of 25 (TH088) 1x Duct Tape 20m x 48mm (UB0096D) 1x High Temperature Glue Gun (CG39)

1x High Temp Glue Stick 10cm - Pack of 10

(CG46)

1x Hammer - 16cm (IND012) 1x Nails Assorted 20 to 50mm 7oz - Pack of 210 (NL024)

- 1x Armature Wire 3mm x 50m Roll (TH903)
- 1x Wooden Spools Natural Pack of 50 (SH960)

1x Construction Value Pack Natural - Pack of 1000 (SH962)

1x Wooden Wheels - Pack of 20 (TH502)

1x Seagrass Cord 75m Roll (SH919)

4x Single – Double – Triple Pulley Set (EIS0280K)

2x Heavy Duty 80 Litre Container (K80L)

\$572.55

NOW ONLY

\$**469**95

SAVE

\$102.60

impressive ideas.

MS900K

Makerspace Building Kit

"Engineer, create, build and improve structures,

models and building. Use plastic, wood, or other base

materials and use the tools included to put together

. \$469.95



Biology Curriculum Kits

These biology kits will help you get started to teach important biology concepts. Students will learn about the needs of living things, their different external features and they will get involved in growing their own herbs and vegetables. Show them that living things grow and change and explain that living things have life cycles.



External Features of Living Things Kit ESC001B \$349.95

The items in this biology kit will teach students about the external features of plants, insects and humans. Contents may vary.

Free Freight Just add \$200 of Art & Craft, Stationery or Health & Hygiene to your order

Kit includes

- Typical Flower Model
 Mini Beasts Large Insects & Spider Set
- Body Basics Set
- Mr Face Felt Activity Set
- Jumbo Insects Set of 7







Physics Curriculum Kits

Teaching physics becomes easy with these kits! Find out how sound and light can be produced by different sources and can be sensed in different ways. Explore how a push and a pull affects how an object moves or changes shape. Or learn about shadows and how light can be absorbed, reflected or refracted.



Light, Colour, Refraction & Reflection Kit ESC007P \$399.95

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.





Kit includes

- 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
- Wooden lens holder Set of 4
- Refraction & reflection
 demonstration model
- Mounted mirrors Set of 10
- Colour paddles Set of 15



Earth & Space Curriculum Kits

The world around us changes every day. We can observe daily and seasonal changes in our environment like the weather, but there are also changes in the sky. Find out about our planets or learn more about geological changes and volcanoes.



Fractions, Fault & Dislocation
 model

Science & Lab Equipment STEM Kits





Our craft kits let children create and customise real-working cars, boats and planes for a fun-filled introduction to early STEAM concepts! Ideal for integrating STEM with arts & crafts, each kit includes enough materials for 10 kids to engineer their own vehicle. Children just use the precut pieces to build each one, and customise it with their craft materials (not included). Then put it into action! As students test their creations, they'll explore ways to fine-tune each vehicle until they have a car that races, a boat that sails and a plane that soars! Available in a set of 3 (LS57K), or individually. Each set is supplied with a teacher's guide & the materials needed to create 10 working vehicles.





Youtopia - STEAM Diorama SN6724 Kit \$27.95

This open-ended kit takes the traditional 3 dimensional features of a diorama and mixes it with mechanics. Science and art come together so you can create a model that moves. The basic body of the diorama is assembled from precut wooden pieces and the background (elevated) and foreground (ground) panels are fixed. A crank handle at the front controls a small front panel that moves vertically and a middle arm and rear arm that move independently in a horizontal arc. Card stock is supplied to be decorated and slotted or glued onto the moving parts and panels can be changed as required to create new scenes. Instructions include helpful hints for decoration and the packaging includes images of completed designs for visualisation. Suitable for ages 8+

Lakeshore

STEM Treehouse Challenge LS0607 Each \$199.95

An easy-to-read story helps students take on our STEM challenge with confidence! The relatable characters in our storybook introduce the design elements that make a perfect tree house, inspiring students to jump right into building. We've included all the pieces students need to complete every step, so it's easy to read, plan and build. Includes a durable wooden tree, 138 plastic builders, 4 weighted people, a 20-page storybook and a guide. The tree is 50cm tall.



STEM Kits Science & Lab Equipment



Primary Science Deluxe Lab Set LER0826 Set

A learning lab for little learners! Perfectly sized science tools to support early hands-on science investigations. Includes: write & wipe journal, 2 flasks (round and square bottomed), 2 large test tubes plus stand, eyedropper, 2 funnels, safety glasses, tall adjustable stand with holder clips, 2 twisty connector tubes, 3 stoppers, sensory tube with solid and vented lids, and Primary Science Viewscope with observation dish. Includes 20 activity cards with step-by-step instructions.



STEM Engineering & Design LER2842

\$44.95

5+

Get early STEM skills in full swing! Set includes plastic pieces to build and design a playground. Make a slide, swingset, see-saw and more! Additional pieces help add the "A" (Art) to STEM (STEAM). For a full list of pieces included in this set, please refer to our website.

Set



STEM Forces & Motion Activity Set LER2822 20 activities \$59.95

Learn all about physics in a fun, colourful way. Pieces include a pendulum with frame, trellis (23cm high), 2 roadway tracks (30cm long), 2 cars (7cm long), weights, 10 activity cards that cover all aspects of STEM, plus key science concepts of gravity, inertia, friction, push/pull and more! 5. Includes additional teacher material.



\$89.95

STEM Simple Machines Activity Set LER2824 20 activities \$59.95

Introduces children to all 6 simple machines: pulley, lever, wheel & axle, inclined plane, screw, and wedge. Includes 10 activity cards covering all aspects of STEM and a comprehensive teacher guide. Set includes 20 engaging activities



STEM Sink & Float Activity Set LER2827 20 activities \$59.95

Bring investigations about sinking and floating to life! Includes two-piece submarine, 10 colourful weights, 2 stars, a raft, and 10 activity cards with 20 activities to cover topics like buoyancy, gravity, density, and more! Comes with detailed teacher material.

Submarine measures 15 x 9cm



Activity Set Kit

LER2827K Set of 3 \$159.95

Set includes one of each - STEM Forces & Motion (LER2822), STEM Simple Machines (LER2824) and STEM Sink & Float (LER2827)







Primary Science Set LER2784 \$49.95

This great primary science set includes real science tools and supports hands-on early science investigations. Comes with ten double-sided activity cards. Set includes beaker, magnifying glass, funnel, eyedropper, flask, 3+ tweezers, goggles, large 15cm test tube with lid and stand, 2 You small test tubes with lids and stand and an activity guide.



Hands-On Science Centre LS425 96 pieces

\$459.95

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.



LER2445

Set of 4

Develop their senses and encourage science exploration with this set of 4 sturdy, clear tubes. Each tube comes with 2 solid lids plus one vented lid. Let children explore their sense of smell, secure small creatures or hold **2+** yrs liquid securely inside. Tubes come empty and measure 30×5 cm in diameter.



Jumbo Test Tubes and Stand LER2788 \$30.95

These chunky, durable test tubes support inquiry-based investigation and hands-on observation. Plastic tubes are safe from -10 to 95°C and feature calibration marks (25, 50, 75 and 100ml). Hand wash. Includes 6 test tubes, different coloured lids (to track experiments), sturdy rack and activity guide. Tubes measure 15 x 3.8cm in diameter.



Sunpaper Kit – UV Reacting Paper TH891 \$40.95

This Sunpaper kit encourages an interest in the photographic process using only sun, water, and a bit of imagination. The paper goes through a chemical change when exposed to light. Place a fern, flower, or other objects on the special paper and set it in the sun briefly. Then rinse the paper in water and watch as a beautiful long-lasting image appears! Content: 15 sheets of 20 x 30cm.



Jumbo Eyedroppers LER2779 Set of 6 \$34.95

These Jumbo Eyedroppers teach young scientists fine motor skills. The stand provides convenience and storage. A great resource to get the young students interested in science!

3+

Maps Science & Lab Equipment





World Flags POS2 \$38.95

A mixed assortment of 15 international nylon flags on a 4 metre plastic string.



Australian GEOGRAPHIC 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 68cm (W) 50(H)cm.



Magnetic Wall Sticker – World Map **MGL012**

\$36.95

This wall sticker can be used on any wall without glue or pins and can be easily removed. The size of the map is 60(L) x 40(H)cm and comes with 51 magnetic pieces that will stick to the poster or any magnetic whiteboard. Facts about the different continents are displayed on the poster. Magnets include iconic landmarks and animals as well as continents



Giant World Map - 1.2 x 2.1 metre TTSB446 \$199.95

This massive map contains an array of information and detail about the world, including the oceans, continents, countries, capital cities, landmarks and other large cities. Combine map reading, directional learning, co-ordinate geometry and much more. Printed onto hard-wearing vinyl with eyelets. A whopping 210(L) x 120(H)cm.



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.



Colour In World Map RE9095 Set of 24 \$19.95

Centred

Colour your way around the world! The large-size world maps are printed with a layer of blue watercolour to indicate the major water bodies. Colour in the blank continents with paint, markers or crayons. The special colourresist technology ensures that all colour added to the maps stays only on the continents area! Talk about the major continents, cities and regions or decorate the maps according to the places students have visited. Includes: 24 maps (30.5 x 40.5 cm) and guide.





Australian Floor Mat of Australia TTSB017 \$79.95

This large floor mat shows the main cities, rivers, lakes, mountains and highways of Australia. The mat is compatible with Bee-Bot, to combine robotics with humanities and social sciences! The mat measures a large 90(L) x 120(H)cm.



Science & Lab Equipment Globes

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 13cm in diameter.

Puzzle Globe - 20cm LER7735 Each \$59.95

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



This fantastic globe shows animals that can be found in each region. The globe is 28cm in diameter and illuminated, highlighting all the features. 28cm Ages 6+ years (dia)

\$59.95

Illustrated Globe with Animals FD36831 Each

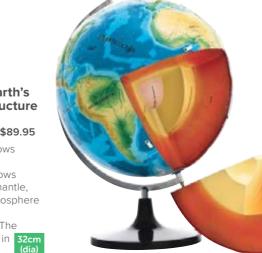
Inflatable Labelling Globe LER2438 Each \$39.95

12

Customise this write & wipe globe to enrich geography, history, literature and social studies lessons and other cross-curriculum activities. Includes an activity guide, repair kit and display hook and string. Measures 68.6cm in diameter.

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

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.





Set of 13 7/195 SAVE \$95.40



Space & Solar System Science & Lab Equipment

Each

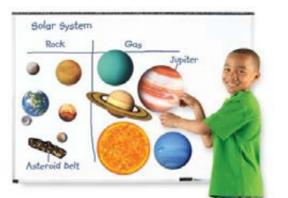
Explore space with this motorised solar system, complete with eight planets,

the sun, star dome and Earth's moon! Set up the solar system to see Mercury,

Venus, Earth, and Mars rotating slightly faster than Jupiter, Saturn, Uranus,

planetarium-style star show on the ceiling! Batteries required (not included).

and Neptune, just like they do in space. Turn off the lights and project a



Giant Magnetic Solar System Set LER6040 Set of 12

\$38.95

Motorised Solar System

EN5287

Model the full-colour, realistically detailed magnets on a whiteboard to get students' attention and teach them about space science concepts. Covers a

range of cross-curriculum activities. Includes 8 planets, Pluto (dwarf planet), Earth, the moon, asteroid belt and an activity guide. The largest magnet Sun is 25.5cm in diameter.



Inflatable Solar System Set \$129.95 LER2434

11 pieces \$89.95

Explore our universe with this inflatable classroom set. Teach size and distance relationships, rotation and revolution of planets, moon and sun with class activities and demonstrations. Includes foot pump, teacher's guide and hooks for easy hanging Size: Sun 91cm, Moon and 9 You Inte planets from 20 to 55cm.



\$69.95

Children of the Sun - Large Panel Book CP937 Fach \$47.95

Packed with information about the solar system, this panel book opens before us like a tunnel through space, enabling us to make a fascinating tour of the planets in our solar system. The large book measures 42 x 38cm and has 24 pages/12 double-sided panels. Suitable for ages 4-16 years.



Ages 6+ years

EIST008SM

Earth, Sun and Moon Model

Each

This working model of the sun, earth and moon

demonstrates the basic relationships of rotation,

night and day, seasons and phases of the moon

by moving the arm of the moon or earth by hand

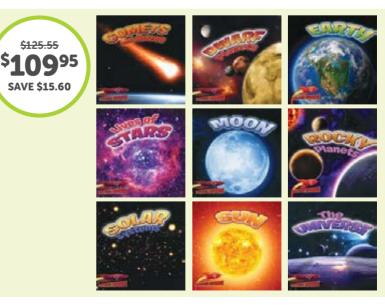
batteries (included). Size: 44 x 21 x 27cm.

around the LED illuminated sun. Powered by 2 'AA'

Skywatch Solar System Books

RP9559K	Set of 9	\$109.95
RP8549	Comets and Meteors	\$13.95
RP8518	Dwarf Planets	\$13.95
RP8464	Earth	\$13.95
RP8556	Lives of Stars	\$13.95
RP8471	Moon	\$13.95
RP8495	Rocky Planet	\$13.95
RP8525	Solar Systems	\$13.95
RP8488	Sun	\$13.95
RP8532	The Universe	\$13.95

Inside Outer Space takes readers on an intergalactic journey that unravels the mysteries of the universe. These books inform readers in Foundation to year 3b on the Sun, Earth, planets, and stars, while also igniting imaginations about the unknown. Stunning photographs and diagrams aid in comprehension. Each book measures 20 x 20cm and has 24 pages.





13





Fractures, Faults & Dislocation Model NK1706 Each \$117.95

Learn about the most common cause of earthquakes. This colourful model shows the cross section of different structures related with fault planes and fractures. Mounted on a base. The model measures $47(L) \times 14(W) \times$ 17cm(H)



43cm

Volcano Model NK1711

\$149.95

This vertical section of volcano illustrates how the extremely hot magma flows from under this Earth's crust to the top. This sturdy and durable model is mounted on a base and has a numbered legend. The model measures $43(W) \times 43(L) \times 17cm(H)$.

Each



Seismograph Model EIS0014

This seismograph model creates a visual representation of the shock waves generated by an earthquake. It can be used to teach both mathematical and geological concepts. The base of the model measures $30(L) \times 15cm(W)$. The illustrated pencil is not included, any pencil of similar size can be used.

Each



Volcano Island Puzzle BS4003 Each \$69.95

With this two layer puzzle students will visually see the process as the volcano emerges from the ocean and develops into an island. The bottom layer shows the different parts which show the structure of a volcano. The top layer depicts the volcano as it is emerging from the ocean, showing the lava flowing, the gases igniting and the steam rising as the lava meets the ocean. Size: 30x40cm. Each layer has 30 pieces, total 60 pieces.







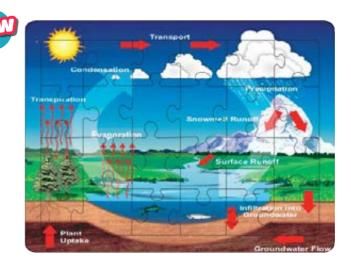
\$69.95





Large World Charts – Climate, Rainfall & Temperature TEB6042 Set of 3 \$134.95

This set of 3 large charts consists of one average temperature chart, one average rainfall chart and one world climate chart. Perfect for geography lessons! Find relationships between temperature, rainfall and climate by comparing the different maps. Each chart measures $100(L) \times 75(H)$ cm.



Water Cycle Puzzle BS4008

Set of 3

\$69.95

This puzzle will have the children thinking about the water cycle in a whole new way. Showing a detailed view with labels, the water cycle is clearly explained in this 24 piece puzzle. Size: 40 x 30cm.



Bottle Tornado TEB2030

\$23.50

colours

Set of 20 connectors

Demonstrate a tornado in a bottle! Show that in order for water to flow down, air must

flow up. These amazing

connectors screw onto two plastic soda

bottles (not included). Supplied in a set of 20

connectors in assorted

Identify various rocks and minerals and correlate them to their real-life uses with this hands-on rock and card set. Includes 12 rocks, storage tray and twelve 32 x 23cm double-side cards with photos and fun, kid-friendly facts of the rocks. Ages 8+ years



mineral collection (12 minerals) and a sedimentary rock collection, formed by

chart, self-adhesive labels, handy storage tray and information-packed guide.

layers of deposited matter (12 rocks). Each set comes with an identification

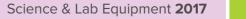
produced by hot volcanic magma action (12 rocks), a

NK0615 Set of 10

A set of 10 large compasses, each measuring 10cm in diameter. The compass shows both the 8 compass points and a full 360 degrees 10cm scale.









Galileo Thermometers HE6182 Indoor - 44cm \$5

HE6182Indoor - 44cm\$52.95HE6187Outdoor - 48cm\$69.95The Galileo thermometer is made of
a scaled place culinder containing

a sealed glass cylinder containing a clear liquid and a series of sealed glass bulbs with different densities. When the temperature of the liquid changes, so does the density. A higher temperature causes the bulbs to sink. The lowest bulb in the upper section of the thermometer shows the right temperature. Available in an indoor standing thermometer (44cm) and an outdoor hanging thermometer (48cm).



Magnetic Thermometer Recording Charts QE67755 Set of 5 \$29.95

Magnetic write on/wipe off charts for recording temperature and weather. Supplied in a set of 5 charts, each measuring 45 x 9.5cm. Comes with teacher instructions and reproducible worksheet.



Find out how windy it is with this set of weather wind kites. Comes in one fish and one butterfly design. It will brighten up every school yard! Each kite measures 15cm in diameter and is 1.54m long.



Invicta - Upright Weather Station IP0826 \$47.95

An inexpensive but complete Weather Station with all components attached to one central pole. Wind speed, wind direction, rainfall and temperature are all featured as well as the time of day observed on the Sun Dial. The Weather Station is 116cm high. Ages 6+ years



mta



Dress Me for the Weather Bulletin Board CD0079 Each \$34.95

This fun, weather-themed bulletin board is perfect to teach children to dress appropriately for the weather. The set includes a frog approx. $36(W) \times 56cm(H)$, which can be dressed with 31 clothing and weather pieces. Also included is a mini weather chart with 7 weather word cards, a header and a resource guide.

Indoor – Outdoor Thermometer NK0416 Each

Compare indoor and outdoor temperatures with this thermohygrometer. This thermometer shows max & min temperatures and humidity with memory function. Indoor: from -10 to 50°C, outdoor: from -40 to 70°C. With 3m temperature probe.





Learn about the environment while improving gross motor skills

Recycling Bean Bag Game \$199.95 M 1030 Each

Have a look at the new Bean Bag Recycling Game. First you need to find the matching bean bag pairs, then decide which bin to put them in: recycling, compost or rubbish. You can have fun and practise your throwing skills as you toss the bean bags in the correct bin. This game will teach children how to correctly sort their rubbish and also improve matching and gross motor skills.







Early Recycling Game GD115 \$69.95

This game let children think about recycling from an early age by classifying 30 wooden tiles of everyday products into five recycling compartments. Suitable for a range of Australian Science Curriculum activities. Ages 6+ years



Children can practise sorting and recycling common household items and foods into the coloured waste bins. This game requires players to use their fine motor skills and hand/eye coordination to manipulate the magnetic wand across the acrylic board. The magnetic pen is secured to the board for ease of use. Board measures 37 x 37 x 1.7cm. Ages 3+ years



Early Recycling Games Kit GD115K

\$99.95 Set of 2

This kit consists of one Early Recycling Sorting Game (GD115) and one Learn to Sort & Recycle Magnetic Game (GD110).

\$136.90 **QQ**95 SAVE \$36.95

The Recycling Game - Recycle, Rubbish, Compost MJI0017 \$99 95

First you have to find the matching pairs, then decide whether to place your items in the Recycling, Rubbish or Compost Bin. Kids will improve their memory and sorting skills while learning the difference between Recycling, Compost and Rubbish. 24 matching wooden pieces and wooder sorting bin. Wooden cards 10 x 7cm. Sorting Bin 30(L) x 10(W) x 10cm(H). Ages 3-5 years







Let's Recycle Playmat SPP07 \$99.95

Educate children about the importance of recycling with this large scale (88cm square) mat. It covers a range of cross-curriculum activities. Teaching notes and activities included, illustrated accessories not included. Ages 6+ years





Science & Lab Equipment Recycling & Sustainability



Compost Kit EN5391 Set of 2 \$42.95

Watch closely to see the process of decomposition! The transparent composting kit comes with 2 separate containers, each with two built-in 3x magnifiers. With write-and-wipe labels to mark and date your samples. The containers come with lids and airholes and measure 12(H) x 16.5(L) cm each.



Big Books NW4929 Recycle It! Big Book NW2651 Where Does All the Garbage Go? Big Book

\$52.95 \$52.95

With these big books, students will learn interesting facts about recycling and garbage collection. What can be recycled? How does that actually work? Comes with teacher's guide. Each book measures 40.5(W) x 47.5cm(H). Ages 4+ years

See-Through Compost Container EN5095 \$63.95 Each

Three separate, aerated compartments enable children to view the entire decomposition process clearly and make side-by-side comparisons between different materials. Included thermometers demonstrate the temperature changes during the decomposition process. Size: 33(L) x 13.3(W) x 20.3cm(H). Ages 5+ years



Reduce, Reuse, Recycle Bulletin Board Set T08262 37 pieces \$27.95

Get kids thinking about helping the Earth as they sort photos of real-life objects into the reduce, reuse, recycle bins. This interactive set includes a header sign inspired by the international recycling symbol and tips for making the most of natural resources. A total of 37 pieces, measuring up to approximately 51cm.

Green Earth Discovery Books

RP5393K	Set of 9 books	\$129.95	5
RP5393	Clean and Green Energy	\$17.95	
RP5409	Growing Up Green	\$17.95	
RP5416	My Green Lunch	\$17.95	
RP5423	Filling the Earth with Trash	\$17.95	
RP5430	Trees: Earth's Lungs	\$17.95	
RP9706	Cleaning Up the Earth	\$17.95	
RP9713	Water World	\$17.95	
RP9720	Helping Habitats	\$17.95	
RP9737	What Does Green Mean?	\$17.95	

Teach children about the importance of looking after Earth's environment from a young age. Titles can be purchased individually or as a set of 9 (RP5393K). Size: 20.5cm square, 24 pages. Ages 4+ years.







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.



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.

\$159⁹⁵ Worm Farm Our Wriggly Worm Farm Big Book RGP0021K \$159.95

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



MJI0008 \$49.95

31cm. 32 pages.

\$169.90

SAVE \$9.95

Our Wriggly Worm Farm Big Book

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





Water Garden 2.0 - Aquaponic SystemFLD006Tank with seedsFLD006-NSTank without seeds

\$175.95 \$175.95

Learn about aquaponics and find out how plants and fish help each other to create a better living environment. Please note that the seeds included in FLD006 are not available in NZ/WA/TAS. We suggest the purchase of FLD006-NS (no seeds included) for these customers.

The award-winning Water Garden has been beautifully designed with new features including:

- Elegant curved tank
- Double the growing space!
- Customised Grow Pods for easy planting and harvesting
- More seeds to continue growing for months
- Easy tank access to personalise your betta's home
- Includes free access to accompanying STEM educational curriculum for kids

Includes

- Fish tank and gravel
 Growstones[™]
- Natural fertiliser
- Fish food
- Australian and organic wheatgrass and snow peas sprout seeds
- Silent, submersible water pump
- Assembled in Australia with local and imported parts

Grow plants without soil

Hydroponic Plant System PNP502 Each \$29.95

This hydroponic plant system will show you that you don't need soil to grow your plants! The set includes the plastic hydroponic plant system and a grow medium for your plants or seeds. Try an onion bulb and see how both the roots of the onion will grow in the water, and the leaves at the top. Plants or seeds are not included. The system has a volume of 2 litres. Also suitable to hold one small fish.





Hydroponics Lab EN5099 Set of 3 \$38.95

This set of three growing tubes is a mess-free way to explore hydroponics with water or any media. The transparent seed basket shows how the plant grows and you'll see: no soil required! Includes a write & wipe surface for specimen labels. Includes: 3 plastic test-tubes (4.5cm in diameter x 18cm high), 3 support rod tops and bottoms, 3 seed baskets and an activity quide.





Aquaponic Water Conditioner & Micro Pellet PNP520 Each \$12.95

Get the best start for your aquaponic fish tank. This kit includes 1 x 100ml complete water conditioner to prepare the water in the tank for the fish, and 1 x 30g micro pellet fish food.



The fish tank that grows food!

Aquaponic Fish Tank with Pump & LED Round PNP501 Each \$109.95

This aquaponic fish tank grows plants and fish in one unit! The fish fertilise the water for the plants, and the plants filter the water for the fish. The unique design of the system will suit any school or centre. The tank has a volume of 7 litres and is environmentally friendly. The fish and plants are not included.

Kit includes

- Tank
- Plant basket
- Grow medium
- LED light
- Filter
- Air pump



Aquaponics & Plants Science & Lab Equipment



Typical Flower Model -Dissectable EIS0100 Each \$69.95

This model of a typical flower is an ideal resource to understand the principles of pollination and fertilisation. The model is greatly enlarged and made of non-breakable plastic. The flower is numbered with a key card and measures approx. 30 x 18 x 38cm.



Primary Science Outdoor Discovery Set LER2826 Each



Gist

\$49.95

Explore plants, bugs, and more with these outdoor tools for some naturally fun experiments. Ten double-sided activity cards include easy-to-follow experiments to capture, create, and observe the world outside. Includes a sprouting jar with 2 lids, watering can, 3 plant pots and plant markers, big view bug jar, handy scoopers[™], and activity guide. Sprouting jar measures 10(H) x 8cm in diameter at opening. Ages 3+

Free Freight Just add \$200 of Art & Craft, Stationery or Health & Hygiene to your order

Detailed Plant Cell EIS0114 \$126.95

This plant cell model can be separated in 4 parts, showing details of the cell wall and inner details of the cell wall. The nucleus is separated and defined in a 3D way, a cut section of the chloroplast is shown. The model is mounted on a base and numbered with an English key card. Size: 33 x 26 x 8cm, Weight 1.3kg approx





Aquaponics Flower Tower RGP0020 Each \$299.95

The Aquaponics flower tower is perfect for growing herbs, vegetables and flowers inside or out. Just add fish and seeds! The planter holds 80 litres of water and has a clear cover so you can easily view and feed the fish. The flower tower comes with 16 convenient planter locations. The water flow regulator ensures an even flow of water down the internal slides of the tube to water the plants. The plants will filter the water for the fish, while the fish fertilise the water for the plants. A perfect ecosystem! The aquaponics flower tower needs to be assembled.

Kit includes

- 1 x 80 Litre base for fish
- 1 x Planter rim
- 1 x Planter clear lid
- 2 x Bottom segments for air & Water pump
- 4 x Plant holders segments
- 1 x Segment top
- 1 x Top Water regulator
- 16 x Seed black pots
- 16 x Rockwool for seeds
- 1 x 15W Submersible Pump 1.5m max
- 1 x Air pump
- 1 x Timer
- 1 x 1.6 Metre water pipe
- 1 x Instructions



Seed Germination Model EIS0046

\$74.95

This pea model shows step by step how plants emerge from seeds and begin to grow – the germination of the pea. A labelled guide is included. Size: $40(W) \times 30cm(H)$. Ages 6+ years

Each

21



Flower seeds

Heartsease Seeds – Johnny Jump Up DTB2457 150 seeds \$2.20

Delightful, small nodding heads which are produced in profusion. They will bloom constantly throughout summer. Height 15cm. All year.



Nasturtium Seeds – Jewel Mixed DTB0306 35 seeds \$2.20

A splendid semi-double that is a gem for the small garden. Pretty yellows, oranges and red, with rose, salmon and cream. Height 30cm. All year.



Sunflower Seeds DTB0493 45 seeds \$2.20

Very easy to grow, this giant plant produces large, bright yellow heads on stalks that can reach over 4m! Height generally 1.8m. Summer/ Spring.



Herb seeds

Curled Parsley Seeds DTB2231 Pack of 1000 \$2.20

A superb variety with dark green curled leaves. Parsley is one of the most popular garden herbs, adding a distinctive flavour to all kinds of dishes. All year.



Sweet Basil Seeds DTB2702 750 seeds \$2.20

An excellent aromatic herb, useful for seasoning soups, salads and omelettes. The flavour is clove-like and is a particularly good accompaniment to tomatoes. Height to 45cm. All Year.



Chives Seeds DTB2705 Pack of 750 \$2.20

The most delicate member of the onion family which provides flavouring to salads, soups, omelettes vegetables and cheese dishes. Easy to grow in the garden or in a window pot. Height 25cm. All year.



Vegetable seeds

Cherry Tomato Seeds DTB2074 75 seeds \$2.20

A heavy cropper of small red fruits that are mouthwateringly sweet and juicy, ideal for salads or pasta dishes. Allow to vine-ripen for best flavour. Requires staking. Summer/Spring.



Climbing Bean Seeds – Blue Lake DTB2808 \$2.20

A delicious, stringless, pencil-shaped variety which will produce a fine crop of tender, tasty beans. Summer/ Spring.



Carrot Seeds – All Seasons DTB2252 2000 seeds \$2.20

Similar to Topweight but a slightly darker colour, All Seasons is a superb main-crop carrot with well-shaped roots and a delicious flavour. All year.



Sprouts alive

Sprouts Alive! Mixed Salad Seed Mix DTB3008 75g pack \$5.50

Grow your own edible sprouts in just 3-6 days. Enjoy the freshest sprouts you've ever tasted because they are grown in your kitchen.



Sprouts Alive! Asian Greens Mix DTB3010 75g pack \$5.50

A tasty blend of popular Asian vegetables. Contains Mizuna, Tatsoi and Chinese Cabbage Wombok. Plant Asian Green Vegetable seeds all year round as required.



Beetroot Seeds DTB2067 200 seeds \$2.20

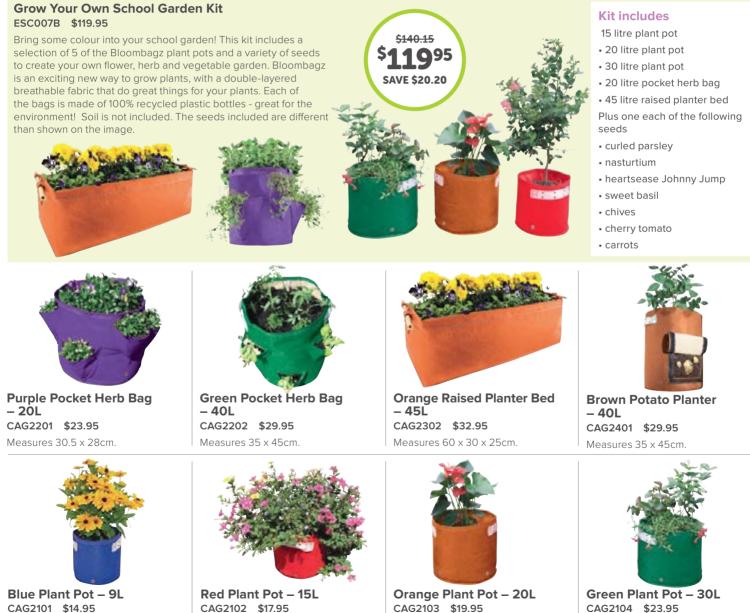
A very reliable variety, which produces good crops of very sweet-tasting beetroot. With its unique cylinder shape it is ideal for slicing and for serving hot or with salads. Easy to grow.





Raised Garden Bed RGP1301 \$199.95

This raised garden bed is made from 3 key components. These consist of a PVC shade and insect canopy, solid plastic sides and a heavy duty plastic sheet for the base. The constructed garden bed is 150 x 75 x 28cm high. The use of the raised garden bed, means you can use specialised soils depending on what you wish to grow, the garden bed liner means you can use the product on hard surfaces such as patios. The shade and insect canopy will protect young plants from heavy rain, frost and direct sunlight. When the canopy is fully closed it stops harmful insects from damaging foliage or flowers etc. Since the product is made from plastic it will not decay. It is easy to assemble, no tools required. Watering can and plants not included. Ages 3+ years

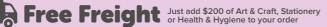


Measures 30 x 28cm

CAG2101 \$14.95 Measures 23 x 23cm

mta





Measures 28 x 25cm.

Science & Lab Equipment 2017

Measures 35 x 30cm.





Mushroom Farm – Organic Oyster Mushrooms FLD120 Each \$32.95

24

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.













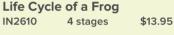
Full Cycle Cards

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.

Life Cycle of a Butterfly IN4760 4 stages \$13.95 Life Cycle of a Ladybird IN6090 4 stages

Life Cycle of a Honey Bee \$13.95 IN2215 4 stages \$13.95



\$55.80

SAVE \$2.85









\$52.95 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 x 6.3 x 1.3 cm. The kit consists of one of each: Butterfly (IN4760), Frog (IN2610), Honey bee (IN2215) and Ladybird (IN6090). Ages 3+ years



A great kit to introduce young children to life cycles of three animals: a butterfly, frog and hen. A total of 12 wooden pieces supplied in a cloth bag (20cm square). Ages 3+ years



Chicken Life Cycle Set LER2733

\$57.95

Crack open this set of 21 eggs and see the day-by-day development of a chick. The first 20 eggs show a detailed realistic illustration of the chick, a plastic 3D chick is inside the final egg. The eggs and storage tray are 5+ yrs numbered for self-checking and easy storage. The durable plastic eggs measure 7cm long. The tray is 38(L) x 21.5(H)cm. Activity guide included.

Each



IN001K

Science & Lab Equipment Life Cycles





T38934Set of 5\$29.95This life cycle chart set includes information about frogs, butterflies, frogs,
chickens and plants. A separate chart shows a typical food chain. Study each
chart individually or display together to show the differences in life cycles.
Each sturdy and durable chart measures approximately 43(L) x 56(H)cm.



ED7150 Set of 4

\$119.95

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





Let's Grow! The Life Cycles Game LER2886 \$41.95

26

Energise learners with this fun early science game that encourages deeper understanding of life cycles. It reinforces understanding of developmental stages of a chicken, frog, butterfly and plant and engages children as they race to complete a life-cycle puzzle using memory match strategies. Includes game board (35cm in diameter), 4 life-cycle game cards, 16 puzzle pieces, 4 pawns, spinner and Guide. For 2-4 players.



9 pieces and is 20cm square. Ages

3+ years





Mini Beasts Life Cycle of the Silkworm KNB0003 \$77.95

The set includes 5 resin blocks measuring $4(L) \times 2(W) \times 7(H)$ cm, of the eggs of silkworms, the silkworm, the cocoon, the moth and threads of silk. A teacher's guide is included.



Mini BeastsLife Cycle of the ButterflyKNB2711Set of 4 specimens\$77.95

Shows the development of the butterfly in four stages. Largest resin block measures $7.3(L) \times 1.5(W) \times 7.3(H)$ cm. Supplied in storage and display box. Teacher's guide included.



Mini BeastsLife Cycle of the Honey BeeKNB0004Set of 5 specimens\$77.95

The set includes 5 resin blocks, showing the eggs, larva and pupa, the drone, queen and worker, foundation and honeycomb, pollen, beeswax and honey and a worker bee on a flower. Teacher's guide included. Each block measures $4(L) \times 2(W) \times 7(H)$ cm.



Life Cycle of the Peanut KNB2215 \$77.95

Studying life cycles of plants provides children with numerous learning opportunities to question and describe changes that occur as living things grow. Includes teacher's guide with links to ACARA. Set of 6 resin blocks, 4 blocks measuring $3(L) \times 4.5(H)$ cm and 2 blocks measuring $4(L) \times 7.2(H)$ cm.



Mini Beasts

These real-life specimens encased in resin allow students to see a close-up of spiders and insects from different angles. They are an excellent resource to promote scientific inquiry and investigation. Suitable for a wide range of cross-curriculum activities. Each specimen can safely be used by young children. Teacher's guide included.



mt



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) x 4.3(H) x 1.9(W)cm. Supplied in storage and display box. Teacher's guide included.







Set of 11 specimens

This set includes 11 different sea life specimens, from crabs to jellyfish and octopus. The largest resin block measures 7.5cm square. Supplied in storage and display box. Teacher's guide included.



Mini Beasts Large Insect & Spider Set KNB2411 Set of 15 specimens

\$191.95

\$187.95

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.





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 Small Insect & Spider Set KNB2511 Set of 6 specimens

\$77.95

A set of 6 insect and spider specimens. Largest resin block measures 4.2(L) x 10.9cm(H). Supplied in storage and display box. Teacher's guide included.



Animals Science & Lab Equipment

Stick Insect Kit

PNP600	2 Male insects & habitat	\$169.95
PNP601	2 Female insects & habitat	\$169.95
PNP602	1 Male & 1 female & habitat	\$169.95

Get your own classroom pet with these stick insects! Stick insects make perfect classroom pets as they are easy to maintain. Having real animals in the classroom will teach children to look after animals and they will learn about caring for them and their biology. The terrarium is made of glass and has dual front doors for easy secure access. Is also comes with a removable top ventilation system and measures 30x30x30cm. The stick insects will be professionally transported to ensure the health and wellbeing of the animals.

Includes 2 real

stick insects

Learn to care for animals

Kit includes

- 2 stick insects
- Stick insect terrarium
- Natural cork plant holder
- One plant (their food) to get started
- Bedding
- Water mist bottle
- Magnifying glass
- Information and care manual

Kit includes

- Crab terrarium
- 2 Hermit crabs
- Fine coral sand 5kg
- 3 trays for food, water and salt water bath
- Driftwood
- Heat pad
- Marine salt crystal
- Water conditioner
- Water bottle mister
- Information and care manual

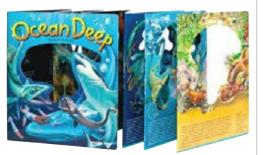






PNP700 2 Crabs & habitat \$159.95

Everything you need to look after your classroom hermit crab pet! Hermit crabs are fascinating species and will teach your students to care for and look after pets. The terrarium is made of glass and has dual front doors for easy secure access. Also comes with a removable top ventilation system and measures 30 x 30 x 30cm. The hermit crabs will be professionally transported to ensure the health and wellbeing of the animals.



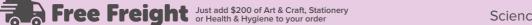
Ocean Deep - Panel Book CP929 \$19.95

From the sunlit surface to the darkness of the deep, this book explores the fascinating life forms that exist in our oceans. Peer in to the depths of this tunnel effect book and investigate each zone of the ocean. The book measures 26.8 x 24.5cm and has 12 panels.

GeoSafari Ant Factory EN5145 \$64.95

It's easy for students to set up and maintain their own ant habitats! Ant Factory, measuring 23(H) x 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!









Shell X-Rays & Picture Cards RE5913 36 pieces \$44.95



Examine real x-rays of a wide range of seashells, coral and animals to see their inner structures. The picture cards show their outside structures, colour and design. Match up the x-rays to the printed card and lay the x-ray over the card to see how the inside and outside go together. The cards measure 10 x 15cm and the x-rays vary in size. Teacher's guide and activities are included. Set of 36 cards.



Animal X-Rays & Picture Cards RE5910 Set of 28

\$39.95

<u>\$84.90</u>

Study similarities and differences between animals. Examine real x-rays printed on clear, heavy-duty plastic, showing mammals, reptiles, fish, amphibians and birds. Includes: 14 x-rays and 14 matching picture cards, up to 10 x 25 cm and teacher guide.



Felt Kit

41 pieces

Underwater Sea Life

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

\$49.95

Animals & Shells X-Rays Kit RE5910K Kit \$74.95

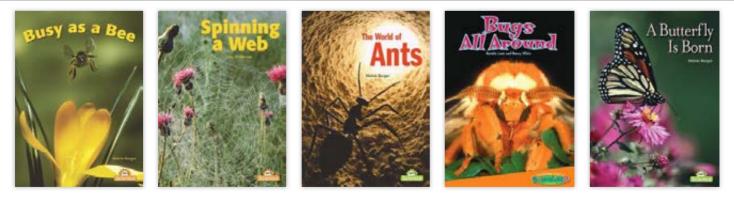
This kit includes one set of Animal X-Rays & Picture Cards (RE5910) and one set of Shell X-Rays & Picture Cards (RE5913). A total of 64 cards.



Wooden Mother & Baby Animals SK373 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.



Bug Big Books

NW4850	Busy as a Bee Big Book - 4+ years
NW4772	Spinning a Web Big Book - 4+ years
NW2657	The World of Ants Big Book - 4+ years
NW3589	Bugs All Around Big Book - 6+ years
NW5777	A Butterfly Is Born Big Book - 4+ years

\$52.95 \$52.95

- \$52.95 \$52.95
- \$52.95

This collection of big books teaches students everything about insects and spiders. Full of interesting facts and colourful images, this collection is a musthave! Size: 36.5 x 49.8cm (Bugs all around) - 40.5 x 47.5cm (Other 4 books). Each book has 16 pages, teacher's guide is included.







- Critical Thinking Photo Cards LER3362

Set of 40

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



Exploring Animals Chart Set T38935

Set of 6

\$29.95

\$33.95

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.



Butterfly Specimens KNB007

Set of 10

\$39.95

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.



ZZ0046 \$49.95

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.



Animal Big Books

		5
٦	W3200	Is It Alive? Big Book - 4+ years
ľ	W6274	Wonderfully Weird Animals Big Book - 4+ years
٢	VW5776	Animals and Their Babies Big Book - 4+ years
١	VW3567	Looking at Animal Groups Big Book - 4+ years
٦	W5794	Life in a Pond Big Book - 4+ years
٦	VW5795	Life in the Sea Big Book - 4+ years

\$52.95 \$52.95 \$52.95 \$52.95 \$52.95

\$52.95

Learn all about the world of animals, their habitats, habits and needs. Find out all about it with this collection of Big Books. Smallest book is 33.5(L) x 45.7(H) cm. Each book has 16 pages. A pocket guide (Wonderfully Weird Animals) or teacher's guide (other 5 books) is included.









Cross Section of Human Brain Model LER1903 Each \$25.95

Features frontal, occipital and temporal lobe, cerebrum, medulla oblongata, thalamus, cerebellum, hypothalamus and more. Size: 12.5cm.



Cross Section of Tooth Model LER1904 Each

Features enamel, dentin, pulp, cementum, nerves, blood vessels, root and crown. Size: 12.5cm.

\$26.95

\$38.95



Cross Section of Eye Model LER1907 Each \$34.95

Features cornea, iris, pupil, retina, lens, optic nerve, vitreous humor, sclera, choroid, macula, ciliary muscle, optic disc and zonules. Size: 12.5cm.

Cross Section Models LER1903K Set of 4 \$109.95

This kit includes one of each of the cross-section models: human brain (LER1903), tooth (LER1904), eye (LER1907) and heart (LER1902).



Cross Section of Human Heart LER1902 Each

Features aorta, pulmonary artery, left & right atrium, inferior & superior vena cava tricuspid valve, pulmonary valve, aortic valve, mitral valve and left ventricle. Size: 12.5cm.



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.



Giant Dental Care & Toothbrush Set FDTH01 \$49.95

Set 9.95

Demonstrate students good oral hygiene with this teeth and toothbrush set and clean hard-to-reach areas. Size teeth: 16cm across, toothbrush is 36cm long.



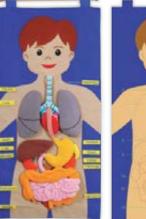
Better than x-ray vision, this magnetic wooden figure is a fantastic learning aid! Help children visualise the skeleton, internal organs, circulatory system, and more, by placing magnets on the body. Set includes anatomically correct magnets for boys and girls and a wooden stand (approx. 22cm high).

My Body Felt Wall Chart KD4603 28 pieces \$79.95

\$126.80

SAVE \$16.85

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 x 70cm.





70cm

Web teaching.com.au Freecall 1800 251 497 Freefax 1800 151 492

Human Anatomy Science & Lab Equipment





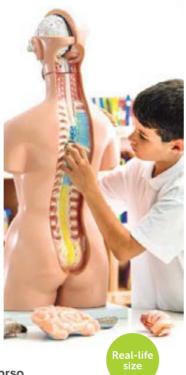
Human Anatomy & Skeleton Class Pack LER6044K \$899.95

This kit is perfect to teach students about the human body, our skeleton and bones, organs and muscles. Included is one real life size unisex human torso (NK0306), 6 student sized anatomy models (FD0278), one life size skeleton model (FD160), and one of each of the charts: organs, muscular system and skeletal system (EC0100K).









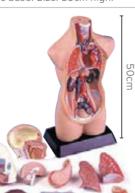
Real-Life Size Unisex Human TorsoNK030623 parts\$389.95

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.





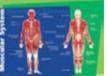


Double-Sided Magnetic Human Body LER6044 17 pieces

\$43.95

Twice the learning! A skeletal system on one side and major organs and muscle groups on the other! Set includes 17 realistically detailed pieces and an activity guide with reproducible diagrams. Size: 90cm.







Human Body Charts

EC0100K	Set of 3	\$23.95
EC0119	Organs	\$8.95
EC0127	Muscular	\$8.95
EC0135	Skeletal	\$8.95

A set of 3 double-sided classroom charts of the human body. Each chart is laminated and measures 69.5(L) x 49.5(H)cm. The charts are a great visual tool for students to learn about our organs, skeletal system and muscle groups. Each chart is also available individually.



33







Mounted on base

Human Digestive System - 2 Parts EIS0094D \$79.95

This hand painted model shows nose, mouth cavity, pharynx, esophagus, the gastrointestinal tract, liver with gall bladder, pancreas, spleen, duodenum, and opened cecum and rectum. Transverse colon is removable. Mounted on base with key card. Size: 48 x 23cm approx.



Mounted on base

Human Digestive System -3 Parts EIS0326D \$229.95

Life size model showing nose, mouth cavity and pharynx, liver with gall bladder, pancreas and spleen. Transverse colon and front stomach wall are removable. Mounted on base. Numbered with key card. Size 61 x 30 x 8 cm approx.



COLUMN CONSTRAINT

Human Head Model - Median Section EIS0025A \$284.95

Life size model showing the outer superficial muscles, vessels, nerves and head with muscles on one side. On the outer side details of median section such as brain, mouth, larynx are shown. Mounted on base. Numbered with key card. Size 25 x 23 x 33 cm approx.



Mounted on base

Human Nervous System EIS101AS \$227.95

Helps in studying general view of the peripheral and central human nervous system. The head is open to study the important features of brain and cerebellum, the pathway of the main nerves is well illustrated in relation to the skeleton. Mounted on base. Numbered with key card. Size 81 x 30 x 7 cm approx.





Model of Burned Skin – 3 stages EIS0310 \$119.95

34

The burn side of this model shows indication of 1st, 2nd and 3rd degree burns, the reverse side illustrates normal skin anatomy. The model is enlarged 6 times. Mounted on a base and numbered with an English key card. Size: $33 \times 23 \times 24$ cm approx. Weight: 1.6kg approx.

Human Spinal Cord and Nervous Model EIS0102B \$69.95

This life size model shows all the important parts. The spinal cord is sectioned transversely, showing details of the grey and white matter, spinal nerve branches and the spinal ganglia. This model highlights the communication between sympathetic trunk and spinal column. Mounted on a base and numbered with an English key card. Size 16 x 16 x 29cm approx. Weight 650g approx.



Human Anatomy Science & Lab Equipment



Human Ear Model - 5 Parts EIS0042 \$149.95

mta

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.

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 10cm.



30cm



Ultra Structure of Cell EIS0011 \$185.95

This model shows the structure of a cell and is numbered with an English key card. Size: 32 x 19 x 36cm, weight 3kg approx.



Pelvis with Baby - Pregnancy Model EIS0120 \$219.95

A femal pelvis model in the 9th month of pregnancy that is hand painted and has a removable fetus. To study the normal position of a child before birth. Comes numbered with key card. Approximate size: $42 \times 23 \times 42$ cm.

Foetus Development - Pregnancy Model NK1404 \$309.95

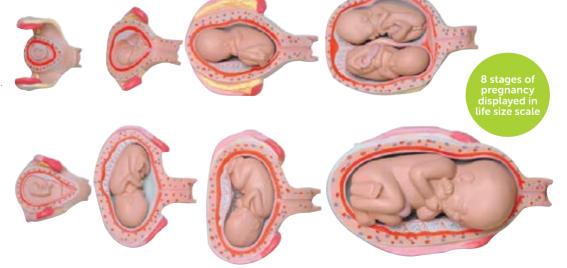
This set of 8 uterus models shows the development of embryo and foetus in detail.

The following stages are displayed:

- 1st month embryo
- 2nd month embryo
- 3rd month embryo
- 4th month foetus (transverse position)
- 5th month foetus (breech position)
- 5th month foetus (transverse position)
- 5th month twin foetus (normal position)
- 7th month foetus

The embryos and foetus are removable. Each model is real life size.









3D Virtual Spinners - The Senses

QE69160K	Set of 5	\$124.95
QE69160	3D Virtual Spinners - Eye	\$29.95
QE69162	3D Virtual Spinners - Skin	\$29.95
QE69164	3D Virtual Spinners - Tongue	\$29.95
QE69166	3D Virtual Spinners - Nose	\$29.95
QE69168	3D Virtual Spinners - Ear	\$29.95

The 3D virtual spinners use augmented reality technology to take students into amazing 3D learning environments. Bring complex anatomy models of the 5 senses to life and examine them in detail. Perfect for individual or group learning. Download the app, point your device at the Spinner and see it come to life! It contains facts, dissections and animations to further the students' knowledge. Visit our website for minimum system requirements.



Real Working Stethoscope EN2524 Each \$18.95 EN2524-4K Set of 4 \$59.95 Lister to the cound of a besting beart. This statishescope really worked it is

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 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: $12 \times 12 \times 19$ cm



Lung Demonstration Model NK1805 \$25.95

36

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 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 Heart – Life Size Model NK1307 Parts

This human heart model dissects into 2 parts and is an ideal resource to teach human anatomy in primary and high schools. It helps students understand the relationship of the heart with the large blood vessels. It also shows the routes of the systemic and pulmonary circulation.

\$49.95



Broken Bones X-Rays **RE5914** \$69.95 15 pieces

Real x-rays reveal a detailed look of common breaks to a variety of human bones. Hold up to the light or use on a light table. An informative guide is included. A total of 15 x-rays.



Fixed Bones X-Rays Cards RE9255 Set of 28 \$39.95

Authentic x-ray images show the hardware (plates, screws, nails, pins and wires) used to fix a broken bone. Fourteen added images of the fractures on cardstock correspond to the repair x-rays. Use with a light source to view details as a doctor would! Includes: 14 x-rays, 14 broken bone images on cardstock up to 19 x 28 cm and guide.





Broken & Fixed Bones Kit RE9255K \$92.95

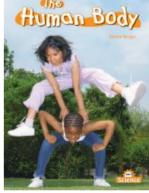
This kit includes one set of Broken Bones X-Rays (RE5914) and one set of Fixed Bones X-Rays (RE9255), to see how broken bones can be corrected again.



My Body in Action RE9270 Set of 10 Cards \$29.95

Take your students on a tour of the human body! 10 beautifully illustrated animation cards depict the intricate details of body systems. Move the cards from side to side to observe the processes of various organs, from light entering the eye to blood flowing through the arteries, veins and heart valves! Includes: 10 cards (22 x 28 cm) and guide.





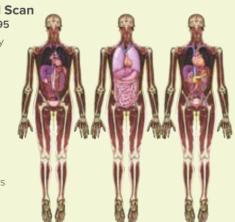
The Human **Body Big Book** NW5770 \$52.95

Students learn about systems of the body and their functions, nutrition and health. Size: 33.3(L) x 47.5(H) cm. Ages 4+ years

37

Look Inside Me – MRI Scan RE59254 Set of 3 \$59.95

Look inside the human body with full-sized, colourful MRI scans! The kit includes a full scan of the entire body (1.5m) along with two overlays revealing more details of internal organs. Rich and detailed images help students understand anatomy. Includes a comprehensive guide focusing on important bones and organs in the body. Compatible with RE5911 True- to-Life Human X-Rays.



True-to-Life Human X-Rays RE5911 18 pieces \$59.95

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.





Human Body X-Rays & MRI Scan Kit RE5911K \$99.95 Kit

This kit consists of one of each of the Look Inside Me - MRI Scan (RE59254) and the True-To-Life Human X-Rays (RE5911).







mta



A great skeleton class pack to learn everything about the bones in our bodies. This kit consist of one life size skeleton (FD160), 6 mini skeletons (FD046), the 3D skeleton demonstration magnets (EN1760) and the skeletal system chart (EC0135).



Human Skeleton with Stand FD160 \$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.



3D Skeleton Demonstration Magnets \$92.95 EN1760

\$651.55

\$**549**95

SAVE \$101.60

Piece together a human skeleton on a whiteboard! Set includes 15 textured pieces that feel like real bones, 18 magnetic labels and an activity guide with a blackline master to label the bones. Size when assembled: almost 90cm high.



Skeleton Floor Puzzle LER3332 15 pieces \$59.95

Kids learn all the major bones as they assemble this unique soft foam puzzle. This large 15-piece puzzle is 129.5cm when assembled. Each puzzle is labelled on the reverse side



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.



Mini Skeleton FD046 46cm A real-life model of the human skeleton with durable parts and a sturdy stand. Size: 46cm.

Half the size of an average human body

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.

\$24.95

\$112.95



Bug Viewers Science & Lab Equipment



Jumbo Specimen Viewers LS876A \$78.95 Set of 12

Kids get a close-up look with these magnifying viewers! 8cm wide with builtin viewers to measure specimens. Targets standards in the areas of 3+ making observations, using a variety of science tools and conducting investigations.



Invicta –	Bug Pots
IP0401	
IP0401-30	DEM

Set of 10 Set of 30 \$25.95 \$67.95

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 x 5.2cm.







Set of 6



Adorable jars have ladybird wings that open to invite little learners to investigate insects. Even children who normally shy away from bugs will be excited to capture and observe specimens in these engaging observation jars. Wings open to reveal a 3.5x magnifying lens. Screw-on cap and air vents keep specimens secure. Durable plastic jars measure 11.5 x 9cm in diameter.

Free Freight Just add \$200 of Art & Craft, Stationery or Health & Hygiene to your order

Extra large \$**56**95 for easy viewing SAVE \$8.75

Giant Bug Viewer APBL150 Each \$10.95 APBL150K Set of 6 \$56.95

This giant bug viewer allows kids to observe micro insects in a macro way! This ventilated bug viewer can be opened on both sides for easy access. Its large size (13.5cm high) makes it a versatile viewer for both small insects and larger specimens. With 5x magnification.



Science & Lab Equipment Aquariums & Aquaponics





Kit includes

- Tank
- Plant basketGrow medium
- LED light
- Filter
- Air pump

Aquaponic Fish Tank with Pump & LED Round PNP501 Each \$109.95

This aquaponic fish tank grows plants and fish in one unit! The fish fertilise the water for the plants, and the plants filter the water for the fish. The unique design of the system will suit any school or centre. The tank has a volume of 7 litres and is environmentally friendly. The fish and plants are not included.

Aquarium Kit – Tank Including Filter & LED PNP800 Kit \$169.95

This high-quality aquarium is perfect for classroom use. The large size makes it possible to get a good view of the underwater species. The aquarium is made of glass and measures 30 x 25 x 25cm and holds 18.7 litres. All you need to do now is to get your fish! The illustrated ornament, plants and fish are not included.

Kit includes

• Tank

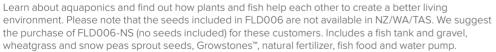
- LED light and built-in filter
- 700g natural aquarium substrate
- 100ml complete water conditioner
- Small 10cm fish net
- 30g micro pellet fish food





Water Garden 2.0 - Aquaponic SystemFLD006Tank with seeds\$175.95FLD006-NSTank without seeds\$175.95







Large Aquarium EIS0512B Each \$25.95

Transparent one-piece moulded plastic aquarium. Size 25 x 15 x15cm.





Magnifiers Science & Lab Equipment



3+

\$94.95

Hand Magnifiers NK2804

Pack of 12

\$39.95

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!



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

BJT305-6K Set of 6

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



IP0811

Each

\$3795

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.



Securely set lens in plastic frame with an easy-to-grip handle. Smallest magnifier is 11cm long (3x and 8x), medium magnifier is 15cm long (3x and 6x) and the largest measures 19cm long (2x and 5x).





Geosafari Jr. BugOpticals EN5253

\$23.95

Slide open the wings of this adorable dragonfly to see the world in a whole new way! Change your world view with the coloured lenses, then overlap them to create secondary colours. Use the faceted lens to see from a bug's point of view. Overlap the 2x and 5x lenses to see how the magnification multiplies. That's 10x more fun! Comes with 2 magnifying lenses (2x and 5x), faceted lens, and three coloured lenses. Total length is 18.3cm.

Each



Science & Lab Equipment Magnifiers & Microscopes





Handy Microscope with Bug Container EN5300 Each \$17.95

This all-in-one handheld microscope includes a collection vial with air-holes and built-in 3x magnifier. Observe nature like never before with the up-close 40x magnification and built-in LED light. Includes a builtin carabiner for easy attachment to backpacks or belt loops.





A compact, pocket-sized microscope that performs great observation outdoors. The microscope has a magnification of 20x and 40x and comes with an LED light to light up the objects for a clearer view. It comes with a stand and a prepared slide to get started straight away. It requires 3 AG13 batteries (Batteries included). Size: 10cm.





Rainbow Magnifiers with StandKNB001Set of 6\$89.95

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) x 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.





These personal binoculars come in a carry pouch and feature a die-cast body, coated glass lens, a lint free cloth and a safety neck strap. It has a 4x zoom and the lens is 3.2cm.



Tuzzles – Magnifier Investigation Box BS834 \$57.95

42

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 $30(L) \times 20(H)$ cm.



Magnification Sheet - 3X UB0089 \$7.95

A simple and effective tool for examining plants, rocks and insects, and to improve the legibility of maps, newspapers, books and other objects you would like to see in bigger format. This plastic magnification sheet has 3x magnification and measures $28(L) \times 21(H)$ cm. Ages 3+ years



Microscopes Science & Lab Equipment

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
- Coarse and fine focus.



Microscope Monocular EIS007MM \$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°
- Evenieces WE 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.





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

\$189.95



switchable modes • 10m range when

using WiFi • Display image on

Specifications • WiFi/USB

- 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.

43



specifications on our website.

EL3199

A USB microscope with a simple but incredibly useful stand that allows students to make fine adjustments

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

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

to the vertical height of the microscope and swivel the scope arm around a 360 degree range. This

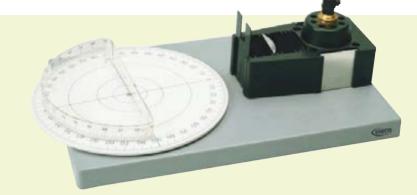
of objects. The optics built into this microscope are excellent. The sharpness of texture on magnified

Science & Lab Equipment Light & Colour



RefractionTankEIS0585B\$11.95

This refraction tank is an ideal resource to show refraction and reflection of light in a liquid. This tank can be filled with water or any other type of liquid. Size: 20cm in diameter.



Refraction & Reflection Demonstration Model EIS0614A \$99.95

Investigate the refraction and reflection of light in a liquid with this demonstration model. It's easy to rotate the base and read the angles of the refraction without disturbing the light source. It includes an acrylic semi-circle that can be filled with different mediums to measure the index of refraction. A light source is mounted on the base with a single, double, triple and wide slit attachment,

2 metal shields to block the light and an acrylic lens to focus the beam of light. Includes teacher's instructions. A power supply is required (not included).



mt



Refraction & Reflection Kit EIS0614K \$129.95

\$5.50

This kit consists of the refraction & reflection model (EIS0614A) and 4 additional refraction tanks (EIS0585B), which allows you to quickly compare the refraction and reflection of light through different liquids.



Semi Circular Block – Acrylic EIS0570A Each

Experiment with reflection and refraction. Clear acrylic, all faces fully polished. Size: 9cm in diameter and 1.6cm in thickness. Multiples shown.

LED Light Box & Optical Set with Work Cards CT8227 \$229.95

Ideal for the study of light and optics with experiments to show refraction and reflection through various shaped prisms and lenses. This comprehensive set includes a 3 beam ray box and an array of lenses and prisms. Teacher's notes and 9 student work cards are included. Suitable for ages 8+.





Wooden Lens Holder EIS0550A 10cm \$6.15

Wooden lens holder to take lenses or mirrors up to 76mm diameter. The holder measures 10cm high, with V shape slot to hold a convex or concave lens. The base measures 10 x 5cm. An index mark is engraved on each end of the base. Illustrated lens is not included.

Con	icave		Convex
Mirrors –	7.5cm Diameter		
EIS0526K	5 x Concave + 5 x Convex	\$59.95	EIS0526K
EIS0520H	Concave	\$7.20	\$5095
EIS0526H	Convex	\$7.50	
	ncave mirror and convex mirro d a focal length of 7.5cm. Both		SAVE \$13.55

optically worked, silvered back with protective coating.

Web teaching.com.au Freecall 1800 251 497 Freefax 1800 151 492



Bi-convex Lenses

EIS0534-K

EIS0534-38V

EIS0534-50V

EIS0534-G

EIS0534-I

EIS0534-L

EIS0534-N

EIS0534-O

EIS0534-P

Light & Colour Science & Lab Equipment



One of each lens - Set of 8

3.8cm Diameter – 10cm Focal Length

5cm Diameter – 10cm Focal Length

5cm Diameter – 5cm Focal Length

5cm Diameter – 15cm Focal Length

5cm Diameter – 50cm Focal Length

7.5cm Diameter – 10cm Focal Length

7.5cm Diameter – 15cm Focal Length

7.5cm Diameter – 20cm Focal Length



7.5cm Diameter – 20cm Focal Length

\$6.50

in Box

Glass Lenses in Box EIS0538A Set of 6 \$29.95

Each lens has a diameter of 5cm. With ground and polished faces and ground edges. One each of double convex, plano convex, converging concave-convex, diverging concave-convex, double concave, plano-concave. Supplied in box.



Glass block used to demonstrate refraction of light. Made of optical glass with high refractive index.



These prisms can be used to demonstrate the refraction of light, ideal for optics experiments. The equilateral prism is 7.5cm in length x 2.5cm in height. The right angle prism Is 7.5cm in length x 2.5cm right angle side x 3.5cm hypotenuse. The kit (EIS0555K) consists of 5 equilateral and 5 right angle prisms.

Pair of Narrow Prisms EIS0564 \$12.50

\$29.95

\$2.50

\$2.80

\$4.95

\$2.50

\$1.95

\$8.25

\$6.20

\$6.50

EIS0536-P

Designed to provide a progression of ideas from the principles of refraction in prisms to the properties of lenses. Each acrylic prism is in the form of a narrow isosceles triangle 1.5 x 6 x 2cm base, height, thickness. When placed base to base, a convex lens may be simulated. When placed vertex to vertex, a convex lens may be simulated.





Light, Colour, **Refraction & Reflection Kit** ESC007P \$399.95

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.





Kit includes

- 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
- Wooden lens holder Set of 4
- Refraction & reflection demonstration model
- Mounted mirrors Set of 10
- Colour paddles Set of 15



Colour Mixing Glasses LER2446 \$19.50

Slide coloured lenses in and out of the top of the frame so children can mix colours. For instance, use a red lens and a yellow lens to 'see' in orange. 3+ Comes with 6 coloured lenses (2 red, 2 blue, 2 yellow) and 2 'bug eye' lenses



Colour Mixing Paddles Class Set IP0353K \$19.95

The set includes 30 paddles in the three primary colours: red, blue and yellow. Overlapping them will produce the three secondary colours: violet, green and orange. They can also be used for sand and modelling materials. Each paddle is 14.5 x 5cm. Ages 4+ years



Colour Mixing Demonstration Box EIS1400 \$99.95

46

The science of light and colour is a fun topic that is further amplified by this colour mixing table demonstrator. There are three separate LEDs - red, blue and green - which are controlled each by a separate potentiometers. The LEDS can be projected onto a piece of paper or wall. Create 1000s of different colour combinations! The model is powered by an adaptor (not included).



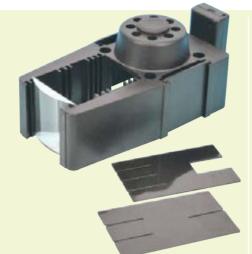
Explore and Discover Science Viewers LS427 \$89.95

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 3+ 4.4cm. Ages of interest: 3 – 6 years





Light & Colour Science & Lab Equipment



LED Ray Box EIS006RB \$49.95

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).

\$106.90

SAVE \$16.95



LED Ray Box & Acrylic Blocks Kit EIS0571K \$89.95 Kit of 1x Acrylic Blocks Set (EIS0571) and 1x LED Ray Box

(EISOO6RB).





Children learn about the uses and sources of light. Include teacher's guide. Size: 33.3(L) x 45.7(H)cm. 16 pages. Ages 4+ years

\$3.95

\$56.95

47



Glow in the Dark Torch – Assorted Colours LED UB0241 Fach 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.

Newtons Colour Disc EIS0583 \$40.95

Teach movement and colour in science. This colour disc is useful for demonstrating that white light may be composed from all the spectral colours by rotation of multi-coloured disc. The disc is 17cm diameter, with easy spinning belt drive system. Total height is 32.5cm.



\$139.95

consists of a light source 12 V, 24W lamp, producing convergent, divergent or parallel beam. On one end, there is an adjustable convex lens, on the other side of the light box is a triple aperture system for colour mixing experiments. The set includes acrylic blocks, 3 mirrors, 2 slit black plates, one with three narrow slits at one end and one narrow slit at the other end. Another black plate with four narrow slits at one end and one wide slit at the other end, 7 mounted colour filters. Supplied with working instructions. Power supply required (not included).



EIS0615







Super Spring CUS0304 Each

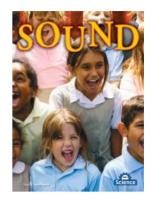
This metal super spring can 'walk' down steps or go from one hand to another in a fascinating motion. It is 6cm in diameter.



Safety Mirrors LS469 Pack of 12

\$9.95

Perfect for light experiments, this shatterproof mirror is classroom safe. Pack of 12 plastic mirrors, each measuring 7.5 x 10cm.



Sound Big Book NW5796 16 pages

\$59.95

\$52.95

Children are introduced to different kinds of sounds and how they travel. Includes a teacher's guide. Book measures 33.3(L) x 45.7(H)cm. Ages 4+ years



\$62.95

Develop students' senses and encourage science exploration with this set of 4 sturdy, clear tubes. Each tube comes with 2 solid lids plus one vented lid. Let children explore their sense of smell, secure small creatures or hold liquids securely inside. Tubes come empty and measure 30 x 5cm in diameter.

Tuning Forks Set – Steel EIS0783 Set of 8 \$26.95

High quality nickel-plated tuning forks with frequency marked on each. To demonstrate the relationship between wave length and frequency, and how vibrations produce sound. C (256), D (288), E (320), F (341), G (384), A (426), B (480), C (512).





 EISOSISE
 15 x 5cm – Set of 10
 \$56.95

 These plane glass mirrors are mounted on a wooden block (approx. 20mm thick), which makes them an ideal resource for light reflection and refraction.

Pair of Tuning Forks EIS0742A \$43.95

Silvered back with protective coating.

For demonstrating the production of beat frequencies. Comprises two nickel plated forks (440 Hz) mounted on individual bases. One fork is provided with adjustable mass by means of which frequency may be shifted from the nominal 440 Hz. When both forks are sounded a clearly audible 'beat' is produced, its rate depending upon the difference in frequency between the forks. Made of steel.





Magnetism Science & Lab Equipment





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

\$135.65

SAVE \$35.70

Q95

49

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 x 2.8 x 1.3cm), 20 jumbo magnetic marbles (3.4cm in diameter) and a set of 100 steel ringed chips.



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.



Science & Lab Equipment Magnetism





Magnetic Wands LEL333 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



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



Giant Horseshoe Magnet FD00001

\$12.50

Children feel magnetic force like never before with this extremely powerful magnet. This giant 21cm easy-grip magnet has clearly identified poles. Supplied in assorted colours. Ages 6+ years



Steel Ringed Chips LEL0222 Set of 100

These may look like your regular chips but they actually contain a metallic ring on the inside of each one making it easy for magnets to pick them up. Chips are sonically welded for extra durability. Supplied in assorted colours. Ages 6+ years



Magnetic Rectangles LEL336 Set of 7

\$5 95

\$35.95

These magnetic rectangles measure 6 x 2.8 x 1.3cm approximately and are supplied in a set of 7. Ages 8+ years



Jumbo Magnetic Marbles LEL160 Set of 10

\$16.95

\$12 95

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



Round Iron Filing Discs CT50351 Set of 10

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.



Iron Filings Shaker EIS0799B 100g

Iron filings in plastic shaker, ideal for magnetic flux experiments. The shaker includes 100g of iron filings.



LEL0220 This case contains iron filings which will be attracted to a magnet. Size: 9.5 x 7cm.

\$4.95

Ages 6+ years

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.

Mta

Magnetism Science & Lab Equipment



Supplied as each. Multiples are shown. Available in 3 sizes.



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.





Magnetic Marbles in Tub CT50291 Set of 100 \$44.95

This giant magnetic tub 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: 15mm in diameter.



Magnetic Match Rings LEL0351 \$25.95

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



Materials Collection Set EIS0798C \$24.95

Twenty magnetic and non-magnetic materials supplied in a labelled pocket chart, including one of each: iron, steel, aluminium, wood, polythene, brass, rubber, copper, wool, nylon, cork, lead, zinc, carbon, glass, PVC, cotton, cardboard, perspex and nickel.



Investigation Box BS833 \$57.95

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



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.

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.



14

2 з Strut Strut

70











Polydron Bridges Class Set ZZ9030B 322 Pieces



\$499.95

Unlock the secrets of bridge building with Polydron Bridges which gives budding civil engineers and designers a chance to build and test several types of bridge designs, including some of the most recognisable, world-famous bridge constructions. Twelve comprehensive work cards and lesson plans provide step-by-step instructions to piece together truss, suspension, cantilever, drawbridge, cablestay, swing and bascule bridges. The set will encourage and challenge children to go beyond the set shapes

and to experiment with their own creations.

40 20 14 250 POLYÐRO Working V8 model with cam, cylinders & valves **Polydron Engineer Class Set**

ZZ9060 250 pieces \$299.95

A unique product that demonstrates engineering principles and simple machines, with clear links between maths and engineering. All polydron solids and frameworks pieces can be used with this set. A total of 250 pieces, including complete lesson plans, and supplied in a plastic container. Ages 9+ years







GEOMAG

Geomag Mechanics Class Set GEO225 \$289.95 Set

In this mini laboratory, students are introduced to the basic concept of magnetic polarities. They then tailor the polarities to create controlled magnetic reactions and drive motion before progressively tackling more challenging tasks such as building and reinforcing a bridge span. STEM are woven into this stimulating and truly innovative set, which includes easy-to-comprehend student work sheets and a teacher's guide.





Kit includes

Contents:

- 2x 20 sets mechanics cards
- 60 rods
- 64 spheres
- 4 indicator rods
- 8 compass roses
- 84 extra building accessories
- Contained in a plastic Gratnells SmartCase® for easy storage



STEM Construction Sets Science & Lab Equipment



K'NEX Simple Machines Deluxe KN79520 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.

\$449.95

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.









new **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.

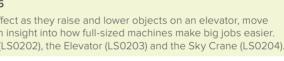


Block Play Simple Machines - Sky Crane LS0204 \$99.95

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.



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).

Forces & Simple Machines GG1234 Each set GG1234K Set of 4

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.







Forces, Motion & Simple Machines Science & Lab Equipment



EIS0020SM \$32.95

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



Gear Train EIS0011SM \$51.95

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.



of multiple pulleys can increase the mechanical advantage. Size: 17 x 12 x 22cm.



EIS0014SM \$25.95

This model can be used to demonstrate how a wedge can increase mechanical advantage. Size: 35×9.5 cm base with adjustable height.







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.



EIS0015SM \$38.95

Fulcrum

Balance

lona

EIS0017SM

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

\$25.95

Study how changing the distance from the

fulcrum changes the mechanical advantage.

Students can intuitively figure out the balance

with a height of 13.3cm. The lever arm is 45cm

point for a given set of masses. Size: 22 x 5.5cm



Pulley EIS0012SM \$25.95

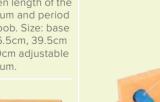
This model shows mechanical advantage created by pulleys. Size: base 16.5 x 8.9cm and 41cm tall

EIS0018SM \$17.95



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.



Study levers and mechanical advantage both gualitatively and guantitatively. 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.



Lever

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.



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.











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 10 g) and 8 included rubber bands to explore effort, force, load, motion and distance. Set of 63 pieces includes Activity Guide.



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Simple Machines Activity Cards Set LER7442 \$25.95

20 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).



Moving Monkeys Building & Gears Set

136 pieces

This colourful gears set is a jungle wonderland. The set includes gears, building plates, trees, vine and 6 monkeys, a total of 136 pieces. Come monkey around with this gears set!

LER9119

This play set features 150 plastic meshing gears, connectors and interlocking bases that offer hundreds of 3-D construction possibilities. Packed in a giant storage tub with an activity guide. Ages 3+ years

Set of 116 includes: colourful gears, flowers, butterflies, bees, ladybugs, wiggly stems and more! Parts are all interchangeable, allowing for endless combinations and designs. Ages 4+ years



Gears Gears Gears Super Kit

LER9214K

One of each

\$224.95

\$89.95

This kit includes 1x Gears Super Set (LER9164), 1x Gears Build & Bloom Flower (LER9214D) and 1x Moving Monkeys Building & Gears Set (LER9119).

5276.85 \$224.95 \$AVE \$51.90

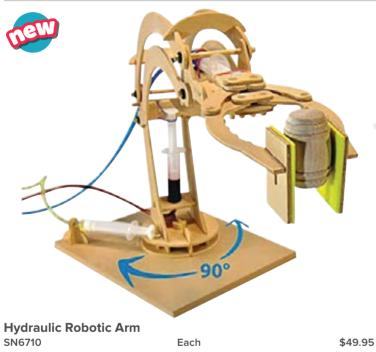
Hydraulics Science & Lab Equipment





Hydraulic Classroom Pack SN6717 Pack

This large hydraulic classroom pack ensures that you only need scissors, glue and cardboard to get the class inventing with parts for 30 students in pairs to build over 15 machines with an average of 4 pistons per machine.



This model uses a battery of independent hydraulic circuits to provide absolute control over the arm pincers: grip, lift, twist, lower and release. This set teaches the basics of hydraulics and robotics.





This set includes the four main hydraulic mini machines: the cherry picker, and excavator as well as the platform lifter and scissor lift. The cherry picker teaches the principles of linkages and includes a small platform for figurines that remains flat at any height. The excavator teaches the principles of levers and hydraulic power. The mechanism includes two hydraulic cylinders and can be adjusted to provide either digging or scooping actions.



\$71.80

SAVE \$11.85

Q95

How Can I **Experiment With Simple Machines Books**

RP5210K Set of 4 \$59.95

Find out how simple machines work by exploring their functions and by experimenting with them! Each book measures 20 x 20cm and has 24 pages.

Levers **RP5209**



\$17.95

Pullevs

RP5216



\$17.95



Wedges

RP5230



Inclined Planes RP5193 \$17.95



\$17.95

Solution includes

Simple Machines Core Set

Simple Machines Activity Pack*



Discover how the real world works with great hands-on learning

LEGO[®] Education Simple Machines Curriculum Solution

LEG9689 \$99.95

This set features a brick assortment that includes gears, wheels and axles, levers and pulleys.

Use this set with the accompanying curriculum pack to engage students in investigating and understanding the operation of simple and compound machines found in everyday life. The support materials provided in this curriculum pack include teacher guides and student worksheets.





The Simple Machines Solution

What's included in the Curriculum Solution?

Core Set 🗸

Carefully selected LEGO[®] bricks support students motivation to develop basic STEM capabilities, through building and investigation of real life machines and mechanisms models.

Curriculum content

capabilities.*

58

Built on national standards

Lesson materials inspire

and support educators

and students to develop

the foundation of STEM

and developed by teachers.



Assessment of students' learning is enabled through rubrics, observation checklists, and student selfassessment tools.* eLearning program

Step-by-step tutorials to help you get started.*



with any questions.

Ongoing telephone and

online support to help you

Community



Access to the LEGO Education community of teachers for additional ideas, tips and new connections.

What can I add on?

Training and professional development

Check our Professional Learning calendar on **teaching.com.au** to find training near you.



Replacement Packs



*Available for free download from LEGOeducation.com/downloads

Replacement bricks are available. Please see page 39 for more information.



Classroom Solutions	Simple Machines Curriculum Solution LEG9689	Power Functions Battery Box LEG8881	Power Functions M-Motor LEG8883	MTA Storage System Single SUN8317 Broduct
Simple Machines Curriculum Solution Packs				
LEG9689-4N 8 students \$379.95 SAVE \$19.85	4			
LEG9689-4NM 8 students \$499.95 SAVE \$75.45	4	4	4	
LEG9689-8N 16 students \$739.95 SAVE \$59.65	8			
LEG9689-8NM 16 students \$949.95 SAVE \$200.85	8	8	8	
LEG9689-8NS 16 students \$1,049.95 SAVE \$260.75	8	8	8	1
LEG9689-12N 24 students \$1,099.95 SAVE \$99.45	12			
LEG9689-12NM 24 students \$1,399.95 SAVE \$326.25	12	12	12	
LEG9689-12NS 24 students \$1,499.95 SAVE \$386.15	12	12	12	1

Included with each purchase of the Simple **Machines curriculum solution Key Learning Values**



Simple Machines Activity Pack

The activity pack for Simple Machines features 16 principle activities, 4 main activities and 4 problemsolving activities. Enables students to recognise simple machines in everyday use, to understand the principles behind them, and to become familiar with the vocabulary relevant for the simple machine in focus: gears, wheels and axles, levers or pulleys. Includes a comprehensive teacher's guide. This activity pack is included with LEG9689 Simple Machines Curriculum Solution.

- · Observing and investigating simple machines: gears, wheels and axles, levers, and pulleys
- Developing scientific inquiry skills
- · Following a design brief as part of the engineering design process
- · Learning and applying relevant vocabulary for
- simple machines
- · Fair testing, predicting and measuring, collecting
- data, and describing outcomes



Facilitate real-world STEM learning

LEGO[®] Education Simple & Powered Machines Curriculum Solution

This primary and high school level core set contains a brick assortment and full-colour building instruction booklets for 28 models.

Use this set with the accompanying curriculum pack to promote students' fundamental STEM understanding of simple machines, structures and mechanisms. The curriculum pack provides full lessons, extension activities and problem solving tasks, as well as teacher guides and student worksheets.

Solution include	ç	

- Simple & Powered Machines
 Core Set
- Introducing Simple & Powered Machines Activity Pack*
- Advancing with Simple & Powered Machines Activity Pack*



A stimulating STEM solution

What's included in the Curriculum Solution?

Core Set \checkmark

Contains LEGO bricks and gears to create small models to build and explore real world mechanisms and energy concepts, motivating students STEM learning.

Curriculum content

The curriculum material

curriculum standards and

easy accessible activities

to deliver highly engaging

supports teachers with

is based on national



Assessment of learning is enabled through creative assessment, teachers checklists and student self assessment tools.*



Step-by-step tutorials to help you get started.*



Ongoing telephone and

with any questions.

online support to help you

 $\left(1\right)$

www

(www)

Community

y (

Access to the LEGO Education community of teachers for additional ideas, tips and new connections.

What can I add on?

Expansion sets

STEM learning.⁴

Two add-on packs are available, each with curriculum pack included. These are the Renewable Energy Add-on and the Pneumatics Add-on. Training and professional development

Check our Professional Learning calendar on **teaching.com.au** to find training near you.



Technology components are also available as separate products.

Replacement bricks are available.

Replacement Packs

*Available for free download from LEGOeducation.com/downloads

mta

LEGO® Education Machines & Mechanisms Science & Lab Equipment

Classroom Solutions Simple & Powered Machines Curriculum Solution Packs	Simple & Powered Machines Curriculum Solution LEG9686	Track, Ramp & Stand EIS0355DYTR	HTA Storage System Double SUN8327 Ore Party Ore Party </th <th>HTA Storage System Triple SUN8337 Cert Party Control Control Control Control Control Control Control Control Control Control Control C</th>	HTA Storage System Triple SUN8337 Cert Party Control Control Control Control Control Control Control Control Control Control Control C
LEG9686-3N 6 students \$799.95 SAVE \$39.90	3			
LEG9686-6N 12 students \$1,569.95 SAVE \$109.75	6			
LEG9686-6ST 12 students \$1,719.95 SAVE \$179.70	6		1	
LEG9686-8N 16 students \$1,999.95 SAVE \$239.65	8			
LEG9686-8ST 16 students \$2,199.95 SAVE \$319.60	8			1
LEG9686-12N 24 students \$2,979.95 SAVE \$379.45	12			
LEG9686-12ST 24 students \$3,279.95 SAVE \$519.35	12		2	
LEG9686-12NS 24 students \$3,379.95 SAVE 529.30	12	1	2	
LEE9686-15N 30 students \$3,699.95 SAVE \$499.30	15			
LEE9686-15ST 30 students \$4,099.95 SAVE \$659.20	15			2
LEG9G86-15NS 30 students \$4,199.95 SAVE \$779.10	15	2		2
	*	***************************************		*





Explore Renewable Energy Renewable Energy is an add-on set which, when combined with the Simple & Powered Machines Curriculum Solution, enables students to explore solar, wind and water energy, plus meet curriculum goals in science, technology and engineering, by building their own real-life models. education **Renewable Energy Add-on Set** ADD-ON 1FG9688 \$229.95 12 When used together with the Simple & Powered Machines Curriculum Solution (LEG9686), this exciting add-on set facilitates the exploration of major renewable energy sources. This set includes a solar panel, turbine blades, a motor/generator, LED lights, an extension wire, a LEGO® Energy Solution includes Meter, and full-colour building instructions for six real-life LEGO models. $\left(1\right)$ Renewable Energy Core Set The accompanying curriculum pack includes new lesson plans and problem solving activities, as (www) well as teacher guides and student worksheets. Renewable Energy Activity Pack*

Investigate with Pneumatics

Pneumatics is an add-on set which, when combined with the Simple & Powered Machines Curriculum Solution, encourages logical and creative thinking, and motivates students to engage in scientific inquiry and engineering design by building air-powered LEGO models such as a scissor lift, a robot arm and a stamping press.

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Pneumatics Add-on Set

LEG9641 \$114.95

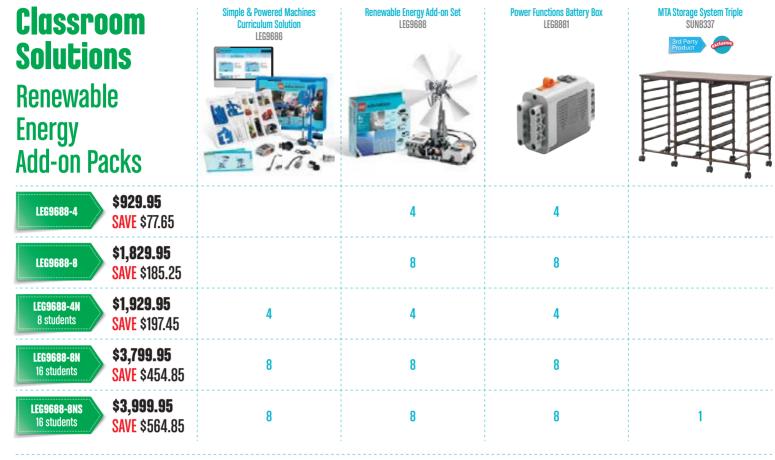
This add-on set is intended to be combined with the Simple & Powered Machines Curriculum Solution (LEG9686). It includes pumps, tubes, cylinders, valves, air tank, a manometer, and full-colour building instructions for four real-life pneumatics models.

The accompanying curriculum pack provides new lesson plans and problem solving activities, as well as teacher guides and student worksheets.





LEGO® Education Machines & Mechanisms Science & Lab Equipment



Classroom Solutions Pneumatics Add-on Packs









MTA Storage System Triple

SUN8337

			•
LEG9641-4 \$439.95 SAVE \$19.85		4	
LEG9641-8 \$849.95 SAVE \$69.65		8	
LEG9641-4N 8 students \$1,449.95 SAVE \$129.65	4	4	
LEG9641-8N 16 students \$2,899.95 SAVE \$259.25	8	8	
LEG9641-8NS 16 students \$2,999.95 SAVE \$469.05	8	8	1



Build students' confidence to ask questions and solve problems

LEGO[®] Education WeDo 2.0 Curriculum Solution

LEG45300	\$269.95	1-2	280	Ø

This set is based upon the latest science standards and was created to enhance students' curiosity and science skills. The set is delivered in a storage bin along with sorting trays, labels, a Smarthub, a Medium Motor, Motion Sensor a Tilt Sensor and enough building elements for two students. The accompanying desktop and tablet supported software provides an easy-to-use programming environment and includes the WeDo 2.0 Curriculum Pack, which covers life, physical, earth and space sciences, as well as engineering. The accompanying eLearning program helps teachers to become confident users of the WeDo 2.0 Core Set.



 $\left(1\right)$

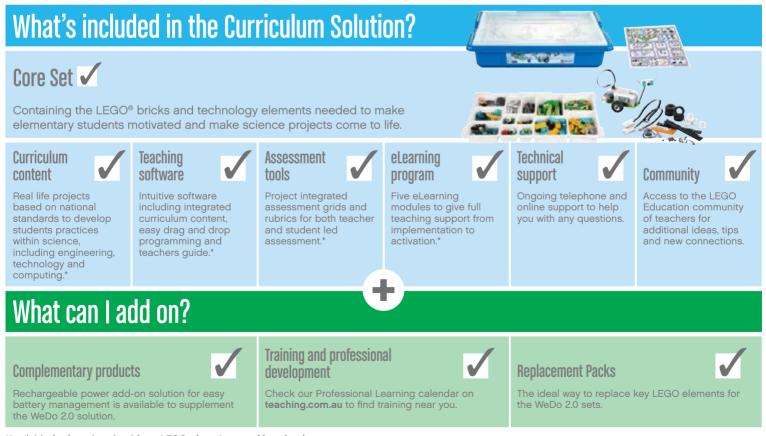
www

± (www)

Solution includes

- WeDo 2.0 Core Set
- WeDo 2.0 Software &
- Curriculum Pack*
- WeDo 2.0 eLearning'

A captivating science teaching solution



*Available for free download from LEGOeducation.com/downloads

251 497 Freefax 1800 151 492

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LEGO® Education WeDo 2.0 Science & Lab Equipment

Classroom Solutions WeDo 2.0 Curriculum Solution Packs	Webo 2.0 Curriculum Solution LEG45300	Webo 2.0 Add-On Power Pack LEG54838	MTA Storage System Single SUN8316 MEW	HTA Storage System Double SUN8326 MEW
LEG45300-2K 4 students \$499.95 SAVE \$39.95	2			
LEG45300-2KP 4 students \$799.95 SAVE \$35.75	2	2		
LEG45300-3K 6 students \$749.95 SAVE \$59.90	3			
LEG45300-3KP 6 students \$1,169.95 SAVE \$83.60	3	3		
LEG45300-5K 10 students \$1,229.95 SAVE \$119.80	5			
LEG45300-5KP 10 students \$1,939.95 SAVE \$149.30	5	5		
LEG45300-5KS 10 students \$1,329.95 SAVE \$169.75	5		1	
LEG45300-5KPS 10 students \$2,039.95 SAVE \$199.25	5	5	1	
LEG45300-8K 16 students \$1,929.95 SAVE \$229.65	8			
LEG45300-8KP 16 students \$2,999.95 SAVE \$342.85	8	8		
LEG45300-8KS 16 students \$2,079.95 SAVE \$299.60	8			1
LEG45300-8KPS 16 students \$3,149.95 SAVE \$412.80	8	8		1
LEG45300-12K 24 students \$2,879.95 SAVE \$359.45	12			
LEG45300-12KP 24 students \$4,499.95 SAVE \$514.25	12	12		



Science & Lab Equipment LEGO® Education WeDo 2.0



Classroom Solutions WeDo 2.0 Curriculum Solution Packs	Webo 2.0 Curriculum Solution LEG45300	Webo 2.0 Add-On Power Pack LEG54838	MTA Storage System Double SUN8326 MEW	HTA Storage System Triple SUN8336 Producer International Content International Content I
LEG45300-12KS 24 students \$3,029.95 SAVE \$429.40	12		1	
LEG45300-12KPS 24 students \$4,649.95 SAVE \$584.20	12	12	1	
LEG45300-15K 30 students \$3,579.95 SAVE \$469.30	15			
LEG45300-15KP 30 students \$5,599.95 SAVE \$667.80	15	15		
LEG45300-15KS 30 students \$3,779.95 SAVE \$549.25	15			1
LEG45300-15KPS 30 students \$5,799.95 SAVE \$747.75	15	15		1

MTA Storage Systems suitable For WeDo 2.0

MTA Sto	orage Systems & Trays	erclusive
SUN8316	\$149.95	3rd Party Product
SUN8326	\$219.95	3rd Party Product
SUN8336	\$279.95	3rd Party Product

These MTA excusive storage systems have been designed to organise your LEGO® Education Storage tubs. Each unit comes with the option of castors or adjustable feet for static storage.

SUN8316 – Single Storage. Holds 7 WeDo 2.0 trays. SUN8326 – Double Storage. Holds 14 WeDo 2.0 trays. SUN8336 – Triple Storage. Holds 21 WeDo 2.0 trays.

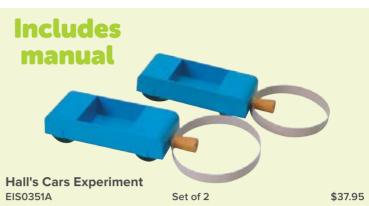






Find out how fast an object rolls off the ramp and

experiment with different weights of the objects and height of the ramp. The track is 1.2m long x 30cm wide. The stand measures 65cm high. With run-off ramp to bridge the gap between track and floor when required.



This Hall's Car Pair is the most important lab essential for dynamics experiments. This car is used in conjunction with the inclined plane or ramp, pulley and weights to study the relationship between work and energy. The car has low friction wheels on oil free sleeve bearings which never need adjustment. The durable plastic moulded body has a deep well for weights and low profile.



Track & Ramp & Hall's Cars Kit EIS0351K Kit

This kit allows you to test multiple variables (i.e, angle of the ramp and weight applied to the Hall's Car) at once! The kit includes 2 track & ramps (EIS0355DYTR) and 2 sets of Hall's Cars - Set of 2 (EIS0351A)

Set of 6

\$**649**95

SAVE \$249.75



Slope Kit with Two Double-Sided Boards TTS7018 Each \$149.95 TTS7018K \$649.95 Set of 6

This multiple surface ramp kit is a great classroom resource for science investigations on forces, motion and friction. The two double-sided ramps feature

four different surfaces: plain wood, foam, carpet underlay and sandpaper. The stand enables the ramp to be adjusted to five different heights enabling pupils to change the angle of the slope. Robust and sturdy, the stand will not tip over and its compact design makes the ramp kit easy to store. Ramp sizes approx 70 x 18cm. Accessories not included.

Inclined Plane – Metal EIS0337 \$76.95 Each

The base and plane are connected by a hinge, allowing the plane to be clamped at any angle from 0 to 45°. Vertical and angular displacement and distance from the hinge can be measured with built-in scales. The pulley can be adjusted to ensure that the cord runs parallel to the plane. Board dimensions 60 x 10cm. Pan and roller included, comes with instructions.





\$299.95

STEM Engineering & Design LER2842 \$44.95

Get early STEM skills in full swing! Young learners have the tools to design and build their own playground including a swing set, see-saw, twisty slide, and more. Activity cards include step-by-step experiments and real-world connections, and an added art component incorporates STEAM lessons. Guide includes reproducible worksheets. Slide measures 15cm.



\$371.70

SAVE \$71.75

۹95



EIS0351PL-N8 Pair \$87.95

These carts have a single piece body. Mounted on a set of 3 low-friction nylon wheels providing a straight distance over long distances. Enables placing of additional masses. Lockable spring-loaded plunge.

67





Pulleys in Motion Class Set QE37480 \$149.95

This versatile classroom pulley set is designed to teach the mechanical principles of pulleys to a whole class. The set contains 18 single sheave pulleys, 12 double sheave pulleys, 12 triple sheave pulleys, 6 spring scales (500g, 50N), a roll of twine, 20 pulley chain links, and the 'Pulleys in Motion' teacher's guide. This 32-page resource contains background information that gradually introduces students to fundamental pulley concepts, as well as reproducible student activity sheets and assessment ideas. The focus of the Pulleys in Motion Class Set is to provide hands-on activities that are easily understood, and provide both intellectual and practical experience for the students.





Iron Weight – Hexagonal with Ring EIS0268K Set of 5 \$39.95

Hexagonal iron masses with lifting ring. A set of 5 weights, including 50g, 100g, 200g, 500g and 1kg. Within international tolerance. Each weight is available individually, please refer to our website.

Pulley Demonstration Set for Students EIS0305 Set

\$299.95 This demonstration set is a great tool to experiment with pulleys. Instructions included.

Set includes

- Pulleys: 8 single, 2 double sheave and ball bearing pulleys
- Wooden base (20 x 15cm), one vertical rod (61cm x 12.5mm) and one horizontal rod (20cm x 9.5mm)
- 6 collars with hook
- Right-angled clamp
- Wheel and axle
- 2 rolls cord
- Tommy bar to tighten vertical rods
- · Hooked brass masses, a total of 9 weights from 10g to 1000g.





runeys		
EIS0280K	Single, Double & Triple Sets	\$12.95
EIS0280A	Single	\$4.30
EIS0280B	Double	\$4.60
EIS0280C	Triple	\$5.40

Plastic 50mm diameter, mounted in metal frame with two hooks.



A set of iron, nickel-plated weights for use in forces investigations. Contains 10 slotted weights, each 10g.



Mass Hanger \$7.25

Use in combination with the slotted weights or pulleys, or experiment with Hooke's Law by adding them to springs.



Pulleys & Weights Science & Lab Equipment







weights consists of 20 x 1g, 20 x 5g, 10 x 10g and 4 x 20g. A total of 300g.

marker

\$9.95



Balance Weight - Stainless Steel EIS0037B \$79.95

This set of balance weights are made of stainless steel and are supplied with a wooden block. The maximum capacity of the set is 1000 gram. The set consists of 1x 500g, 1x 200g, 2x 100g, 1x 50g, 1x 20g, 2x 10g, 1x 5g, 2x 2g and 1x 1g. A total of 12 weights.



Weighing Set on Tray EIS0039A-N8 Set of 9

\$62.95

A combined set of accurate steel and brass weights that are housed in a sturdy blue mounted tray. Provides for weighing objects from 10g to 1990g in 10g increments. 3 steel weights and 6 brass weights. Contents: 1 of ETC: 1kg, 500g, 200g and 50g plus 2 of each: 100g and 10g.



QE40025

Momory Force Motors

Wiemory I	orce meters	
QE40010K	Set of 4	\$32.95
QE40010	10N/1kg	\$9.95
QE40015	20N/2kg	\$9.95
QE40020	30N/3kg	\$9.95

50N/5ka

Measures force by pushing or pulling an object. Record the measurement using the innovative memory marker. Calibrated in both Newtons and grams. The clear plastic tube allows students to see the action of the spring. Includes an activity guide.



SAVE \$5.55 Balances Spring – Dual Scale EIS0024K Set of 5 \$26.95 EIS0024A 0.1kg/1N \$6.50 EIS0024B 0.25kg/2.5N \$6.50 EIS0024C 0.500kg/5N

Set of 5

2695

\$6.50 1kg/10N EIS0024D \$6.50 EIS0024E \$6.50 2kg/20N This acrylic body spring scale with

large easy to read flat scales is zero adjustable. It measures in grams and newtons.





Single Ball Bearing Pulley – Bench Mounting EIS0290B \$14.95

A single wheeled plastic pulley on a steel frame. Low friction, ball bearing design. Diameter of 5cm, can attach to boards or tables up to 2.8cm in thickness. Max holding capacity is 22kg.



Pulley Bench Clamp Fitting EIS0296A \$19.95

Bench clamp 50mm diameter pulley with metal ball bearing carried on a two part aluminium frame. With the pulley overhanging the edge and in a vertical place. Overall length of the frame (pulley bar) is 110mm. Maximum clamp opening is 25mm.



Large Pulley with Universal Clamp EIS0293 \$29.95

Comprises a 70mm diameter light alloy, with 2 clamping screws for bench and rod support. Clamped to bench up to 38mm thick, screwed to a flat surface or held on 13mm diameter support rod.

69



littleBits

Complexity: From beginners to intermediate

Extendibility: Add art and craft resources to create an endless variety of models

Programming Language/Software: N/A (Arduino Coding Kit works with Arduino)

Age Group: 8+ years

Curriculum Links: ACTDEK004/13/20/23 - ACTDIK001/7/14 - ACTDEP007/16/26/37 - ACTDIP011/17/20

littleBits®

Bring your STEAM lessons to life and electrify your lessons! littleBits consists of tiny circuit-boards with specific functions engineered to snap together with magnets. No soldering, no wiring, no programming, just snap together for prototyping, learning and fun. Each bit has a specific function (light, sounds, sensors, buttons, thresholds, pulse, motors, etc.) and modules snap to make larger circuits.





70

Bring STEAM learning to the classroom

littleBits STEAM Student Set LIB847 \$499.95

Sets you up for 16+ hours of STEM/STEAM teaching with 8 engaging challenges, and additional companion lessons. The set comes with 19 bits, 45 accessories and a booklet. We walk you through every step with comprehensive lessons and guides. Students engage with electronics by completing 8 challenges that progress in difficulty, with 10 companion lessons for educators. With the inclusion of Art in STEM, students are empowered to think creatively and design and engineer solutions to real-world problems. Comes with a 120+ page teacher guide. Find the full specs on our website.





LittleBits Science & Lab Equipment



\$259.95 LIB606

This kit contains everything you need to get started with electronics and programming. Make your own Etch-a-Sketch™! Program a visual display! We'll walk you through the basics using the Arduino programming environment, without the breadboarding, soldering or wiring normally required. Modules included are a bargraph, button, power, fork, Arduino, battery & cable, 2 dimmers and a servo Bit, and 2 Mounting boards.

to get started (battery + power included!)

- Build with 8 Getting Started sketches, including a DIY Etch-a-Sketch™. Mouse
- outputs on the Arduino module, as well as additional I/O for advanced hardware interaction
- Download the Arduino software for free from www.arduino.cc

Modules included:

Double AND - for projects in which you want two actions to trigger another

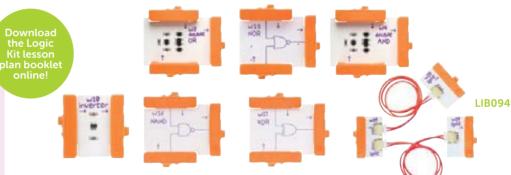
Double OR - when you want to detect two inputs but don't care which input is activated

NAND - when you need an output to go OFF when both inputs are triggered

NOR - when you want the output to be ON unless one or both of its inputs are triggered

XOR - for projects in which the activation requires input alternation

Inverter - use in combination with logic gates to change how the logic works. Place it after the output of a gate and change the logic completely. Place it before one input and change the logic going into the gate from that input.



littleBits Logic Modules

LIB800K	Set of 6 Modules	\$109.95	
LIB820	Double OR Module	\$20.95	Logic enabli
LIB821	Double AND Module	\$20.95	The lo
LIB824	Inverter Module	\$20.95	with o
LIB825	NOR Module	\$20.95	and p
LIB826	NAND Module	\$20.95	au). Th
LIB827	XOR Module	\$20.95	modu
LIB094	Split Wire	\$36.95	includ

modules create rules for your circuit to follow, ling you to create more complex interactions. ogic modules should be used in combination other littleBits modules like input, output oower modules (available on teaching.com. his kit consists of one of each of the 6 logic ules. Please note: The split wire (LIB094) is not ded in the kit and sold separately.

littleBits Gizmos & Gadgets Kit LIB680 \$429.95

The Gizmos & Gadgets Kit, 2nd Edition is the ultimate invention toolbox. It turns screen time into hands-on learning. The kit is bursting with motors, wheels, lights, servos - everything you need to spark creativity and fun. Start with stepby-step instructions to build fun DIY games, cars, gadgets and more. Then tilt, shake, or tap your phone to make them do tricks! Create a car and let your phone do the steering. Or a caterpillar that crawls with the tap of a tablet!

Key Features:

- 13 electronic building blocks, instructions for 16 inventions, 1 challenge, and all the accessories and tools you need to unleash the inventor within.
- 1 huge invention guide get step-bystep instructions for inventions and challenges, plus ideas for spin-offs and totally new creations.
- Create inventions you control from a smartphone or tablet and turn screen time into hands-on learning.



Science & Lab Equipment LittleBits





012114

littleBits Premium Kit – 14 Modules LIB002 \$259.95

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This set contains some of our absolute favourites, like the Slide Dimmer and the Servo Motor, so you can build the interactive creations you've been dreaming of. The Premium Kit is a sure-fire way to keep the creativity flowing! The set includes 14 littleBits modules.

and prototyping your own interactive creations!



Includes:

- Activity booklet
- 9V Battery + cable
- MotorMate
- Screwdriver
- Power module
- Slide dimmer module
- Pressure sensor module
- Roller switch module
- Sound trigger module
- Pulse module
- Vibration motor module
- Servo module
- 2 x Long LED module
- Fan module
- Branch module
- 2 x Wire module



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Includes:

- Activity booklet
- 9V battery and cable
- MotorMate
- Screwdriver
- Power module
- Button module
- Dimmer module
- Light sensor module
- 2 x Wire module
- Bright LED module
- Bargraph module
- DC motor module
- Buzzer module



Web teaching.com.au Freecall 1800 251 497 Freefax 1800 151 492

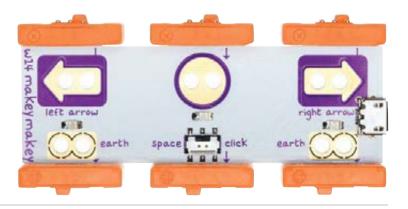
LittleBits Science & Lab Equipment

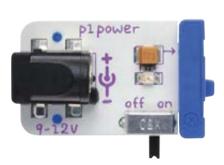




littleBits Makey Makey Module LIB846 \$99.95

Now you can use everyday objects to trigger your Bits and control cursors on your computer's keyboard, or even control your computer with Bits. Make a touchpad out of ANYTHING by attaching alligator clips (4 are included) to the Makey Makey Bit. The module connects to a computer through a micro USB cable and has three Makey Makey inputs which are mapped to left arrow, right arrow, and space bar/mouse click. Each one of these key inputs can be controlled by littleBits modules like motion triggers or light sensors.





littleBits Power Module LIB101 \$15.95

The power is the mother of all Bits modules! Just snap in the battery adapter that comes with it, flip the switch and you're ready to go. Includes: power Bits module, double-sided instruction card, and custom anti-static bag with resealable label.



littleBits Long LED Module \$26.30 LIB202

The long LED is a great lighting module. We call it the "long" LED because the light is tethered to the board by a cable. This lets you put the light in some interesting places. Includes: long LED Bits module. double-sided instruction card and custom antistatic bag with resealable label.



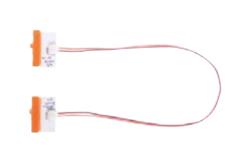
littleBits DC Motor Module LB205 \$39.95

The DC (or "Direct Current") motor rotates a shaft when you send it an ON signal. The left/right switch controls the direction of rotation. Try attaching various things to make windmills, cars, helicopters, and more. Includes: DC motor Bits module. doublesided instruction card and custom anti-static bag with resealable label.



littleBits Slide Switch Module LIB301 \$26.30

The slide switch is a small and convenient switch! It's one of our easiest switches to use. Turn it on to power up your invention, and then turn it off when you are done. Includes: slide switch Bits module, double-sided instruction card and custom antistatic bag with resealable label.



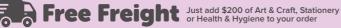
littleBits Wire Module LIB401 \$26.30

The wire allows you to physically separate your Bits modules. Try it whenever you need to break up your chain of modules, like when you need to put a light at the top of a model building. Includes: wire Bits module, double-sided instruction card and custom anti-static bag with resealable label.



littleBits 9V Battery & Cable LIB512 \$10.95

This package contains a 9V alkaline battery and a cable to connect it to the power Bits module. Connect it up and then flip the switch to power all of your creations! Includes: 9V battery and 9V battery cable that connects to the power module, double-sided instruction card and custom antistatic bag with resealable label.





Makey Makey

Complexity: From beginners to intermediate

Extendibility: add any material that conducts a tiny bit of electricity. The extendibility is endless!

Programming Language/Software: No software required. Makey Makey works with any software that uses the keyboard or mouse

Age Group: 8+ years

MKK002

74

MKK002-5

MKK002-10

Curriculum Links: ACTDEK004/11/13/20/23/3447 -ACTDIK001/14 - ACTDEP007/16/26/37 - ACTDIP011/18



Makey Makey, the invention kit for everyone, is a simple circuit board that lets you reprogram the world by connecting everyday objects to a computer. Play Mario on Play-Doh or Pianos on Bananas. Makey Makey lets you rewire the world! Warning: extended use may result in creative confidence.

\$99.95

\$459 95

\$849.95



Key Features

- Turn everyday objects like bananas into touchpads
- Connect the world around you to your computer! Setup takes just seconds.
- Just plug, clip, and play. No programming knowledge needed.
- 1000s of possibilities. Draw your own game controller! Dance like never before!
- No software to install. Works with Mac and Windows
- 18 touch inputs
- Works with any material that can conduct at least a tiny bit of electricity
- Connects by USB





model on your tablet in 3D.



Using Gigo's Learning Lab electrical building blocks, kids will learn about series and parallel connection,

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

as well as simple circuit designs by assembling common devices from our daily lives, such as a traffic



Economy Electricity Kit EIS1057 Kit

\$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

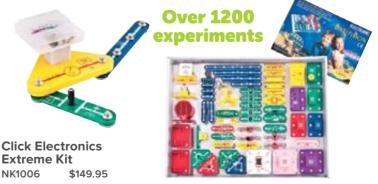




Click Electronics Explorers Kit NK1005 Kit

\$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+ years



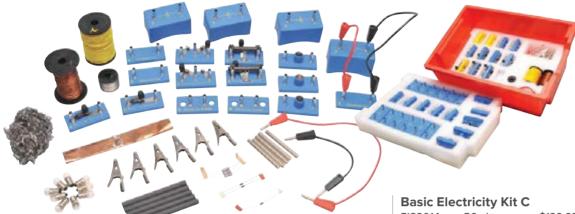
Over 1200 exciting experiments! The extreme kit is specially designed to further challenge the students and build upon the skills already learnt and to increase knowledge of the principles of electronics in a fun way. Students can experiment by designing their own circuits and using real-life situations 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 EIS2011 37 pieces \$127.95

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

76

Basic Electricity Kit B EIS2012 56 pieces \$129.95

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

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

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

- 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 D EIS2010 172 pieces \$449.95

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 4mm stackable leads.

Components

- 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



K'NEX Exploring Wind & Water Energy KN77051 288 pieces \$109.95

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.



K'NEX Investigating Solar Energy KN77075 192 pieces \$126.95

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.



Electricity Science & Lab Equipment



Cell Holders Stackable D-Size

\$3.60

Designed to link together in parallel or series to extend capacity or voltage. Supplied individually. Multiples shown. Illustrated battery not included.



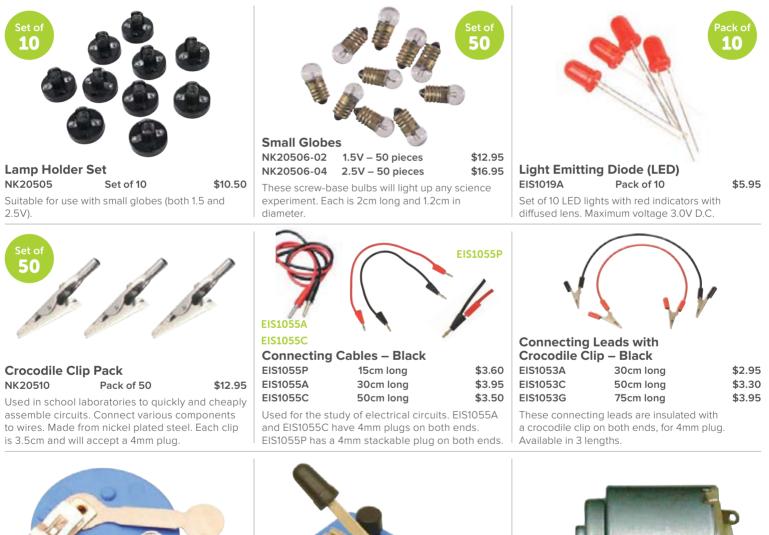
Battery Holde	er – D-Size Battery	
EIS0956D	For 1 battery	\$2.95
EIS0956E	For 2 batteries	\$3.95
EIS0956F	For 4 batteries	\$5.95

Made of unbreakable plastic to hold D-sided batteries. The curved sides help prevent the battery from falling out when it is upside down. Available in 3 sizes. Battery is not included.



Battery – D Size EL2321 Pack of 4 \$9.95

General-purpose alkaline D batteries. Supplied in a pack of 4. The D-sized batteries are perfect for science experiments with electrical circuits.





Switch for Electric Circuit ExperimentEIS1003Each\$3.95Used for the study of electrical circuits.





Motor – 1.5V–4.5VEIS1004MMEachUsed for the study of electrical circuits.

Science & Lab Equipment Electricity





Digital Volt Meter EIS1102A \$39.95

Portable digital voltmeter with large LCD display of $3\frac{1}{2}$ digits. Powered by 9 Volt battery, with an accuracy of +1 digit. DC voltage ranges: 0 - 199.9 mV - 200 mV, 0 - 1.99 V - 2V, 0 - 19.9 V - 20 V, 0 - 199.9 V - 200 V. DC current ranges: 0 - 199.9 iA - 200 iA, 0 - 1.99 mA - 2mA, 0 - 19.9 mA - 20 mA, 0 - 199.9 mA - 200 mA, 0 - 10 Amp.



Digital Am Meter EIS1102B \$39.95

Portable digital ammeter with large LCD display of 3½ digits. Powered by 9 Volt battery, with an accuracy of +1 digit.



3 1/2 Digits LCD with a max. reading of 1999. Audible continuity & diode test and auto power off, with low battery indication. Size: $19 \times 8.9 \times 3.5$ cm. For specifications visit our website.



Voltmeter EIS1080A \$18.95 Analogue DC Voltmeter. Measuring range: 0-15V.



EIS1074 \$18.95 Analogue DC ammeter. Measuring range: 0-3A.



Solar Energy Kit EIS1321 \$74.95

Use knowledge of solar energy in a practical experiment with this kit. A solar panel housed in a plastic box, a low consumption motor with fan, a buzzer and an LED are all included for conducing a series of solar powered activities.



Hand Dynamo Generator EIS1229HG \$24.95

Made with a clear plastic casing, students can clearly see the motor, gears and wiring. Convenient screw terminals allow for easy experiment hookups.



Mounted Solar Cell EIS0467L \$

For use with the motor to demonstrate the production of electrical energy directly from light energy.



Buzzer EIS1056H Each \$13.95 Mounted on base. A low current buzzer of 2mA approximate capacity.



Resistance CoilsEIS1143A1 ohm resistance\$6.50EIS1143C5 ohm resistance\$5.95Resistance coils for studying flow of electricity.

Van de Graaff Generator EIS0920 \$299.95

Designed for electrostatic experiments where continuous source of high voltage is required. Fitted on a base with smooth running AC motor (operates on 220 volts, AC 50Hz).

Key features

- Charge collecting Belt: Silicon rubber with excellent insulation.
- Tracking: Belt-tracking easily adjusted.
- Charge collecting combs: Aluminium mesh, clearly visible.
- Aluminium Sphere:
 15cm diameter.
- Connections: 4mm sockets in dome and base.
- Discharger: Spherical 10cm diameter with insulated handle and 4mm sockets.



1 x Litre Set – Set of 5 2 x Funnels – Set of 3

3 x Volume Relationship Set – 6 pcs 1 x Heavy Duty 60 litre Container 1 x Measuring Jugs – Set of 4 1 x 1 Litre Cube with Lid Contents may vary.

Labware Science & Lab Equipment



\$70.85

SAVE \$15.90

\Lambda95

EISKIT1

Lab Essentials Retort Stand & Clamps Kit - Basic

\$54.95

A great starter pack for your science

lab. This kit includes one of each: Retort

stand with a base measuring 20 \times 12.5cm and the rod measuring 60cm long and

11mm in diameter, a thermometer clamp,

a retort clamp combined, a boss head,

and a retort ring (7.5cm in diameter).



Includes 4 complete sets

\$455.80

SAVE \$125.85

Lab Essentials Retort Stand & Clamps Kit - Large EISKIT2 \$329.95

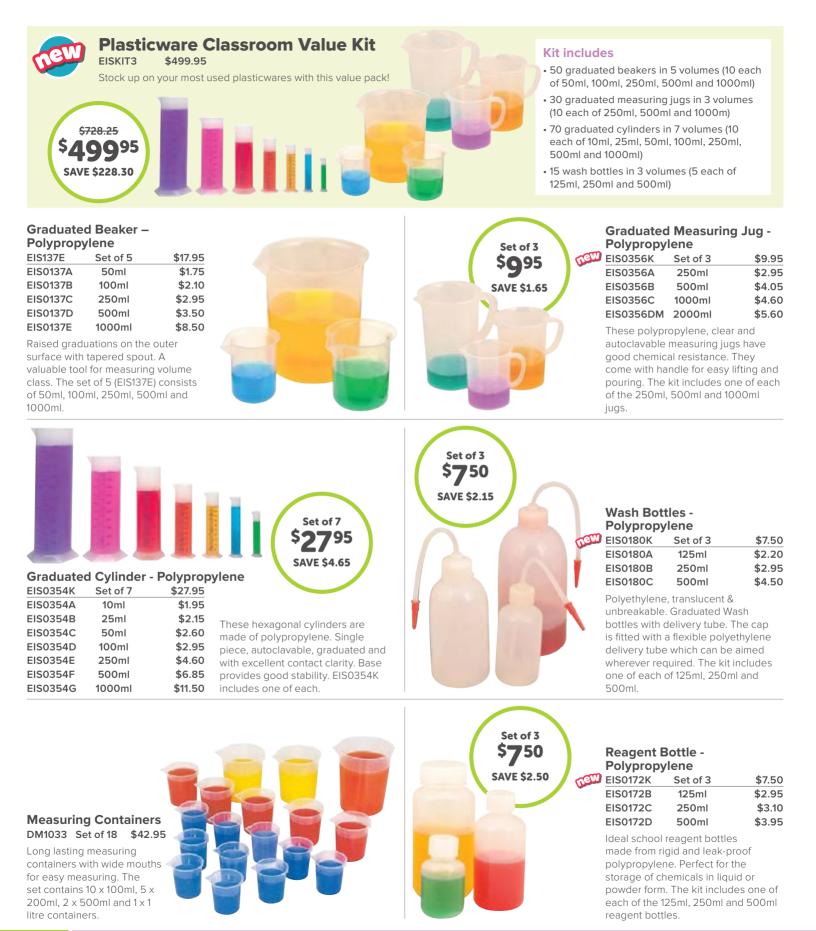
Stock up on the essentials for your school lab! This kit includes 4 of each:

- Retort stand (base is 20 x 12.5cm, rod is 60cm long and 11mm in diameter)
- Thermometer clamp
- Retort clamp combined
- Retort ring (7.5cm in diameter)
- Boss head
- Burette clamp double
- Tubing for Bunsen Burner 600mm
- Wire gauze
- Tripod stand (21cm high)



79







condensation and other processes. The bulk pack

includes 24 flasks of 250ml and 12 flasks of 500ml

Bulk pack 79995

SAVE \$67.75

Bulk Pack

10ml - Pack of 2

25ml - Pack of 2

50ml - Pack of 2

100ml - Pack of 2

250ml - Pack of 2

500ml - Pack of 2

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

Bulk pack

SAVE \$101.35

Q95

and 1000ml, a total of 48 flasks.

Graduated Cylinder Glass

and 250ml and 12 cylinders of 500ml, a total of 76 cylinders.

EISKIT8

EIS0344A

EIS0344A1

EIS0344B

EIS0344C

EIS0344D

EIS0344E

Glassware Science & Lab Equipment

Beaker – Glass **Erlenmeyer Flask Borosilicate Glass** EISKIT4 💯 **Bulk Pack** \$429.95 EISKIT6 Bulk Pack \$389.95 EIS11015 50ml - Pack of 12 \$25.95 EIS0424C 50ml - Pack of 12 \$38.95 EIS11011 \$29.95 EIS0424D \$48.95 100ml - Pack of 12 100ml - Pack of 12 \$32.95 \$53.95 EIS11010 150ml - Pack of 12 EIS0424F 250ml - Pack of 12 EIS11012 250ml - Pack of 12 \$33.95 EIS0424G 500ml - Pack of 6 \$53.95 500ml - Pack of 6 EIS11013 \$35.95 EIS0424H 1000ml - Pack of 6 \$89.95 These beakers are made of borosilicate glass, These Erlenmeyer flasks are made of graduated with spout. Great durability borosilicate glass and have a narrow and heat resistance. The bulk neck. They are used for mixing liquids. kit includes 36 beakers of each The bulk pack includes 12 flasks of 50ml, 100ml, 500ml and 1000ml, and volume, a total of 180 beakers. 36 flasks of 250ml, a total of 84 flasks **Bulk pack Bulk pack** 38995 SAVE \$133.15 SAVE \$147.60 **Boiling Flask Glass – Round Bottom Boiling Flask Glass – Flat Bottom** EISKIT7 **Bulk Pack** EISKIT5 Bulk Pack \$399.95 \$299 95 EIS0402E 250ml - Pack of 12 \$49.95 EIS0410C 100ml - Pack of 12 \$46.95 EIS0402F 500ml - Pack of 6 \$45.95 **EIS0410E** 250ml - Pack of 12 \$69.95 EIS0402G 1000ml - Pack of 6 \$87.95 EIS0410F 500ml - Pack of 6 \$55.95 EIS0410G 1000ml - Pack of 6 \$95.95 These boiling flasks have a round bottom and narrow neck. They are useful for performing These boiling flasks have a flat bottom and narrow neck, mixing, heating, distillation, cooling, precipitation,

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.



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.

B

\$29.95 \$37.95

Clear Dropping Bottle EIS0194B 50ml Clear borosilicate glass dropping

bottle



\$499 95

\$8.50

\$9 95

\$11.50

\$14.50

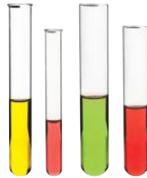
\$19.95

\$17.50

\$7.50

Science & Lab Equipment Test Tubes

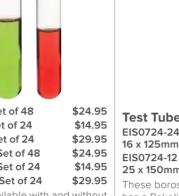




Test Tubes

EIS0716R With Rim - 16x150mm - Set of 48 EIS0718R With Rim - 18x150mm - Set of 24 EIS0725R With Rim - 25x250mm - Set of 24 EIS0716WR Without Rim - 16x150mm - Set of 48 EIS0718WR Without Rim - 18x150mm - Set of 24 EIS0725WR Without Rim - 25x250mm - Set of 24

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





Test Tube with Screw Cap EIS0724-24 16 x 125mm - Set of 24 \$32.95 EIS0724-12 25 x 150mm - Set of 12 \$21.95 These borosilicate glass test tubes has a Bakelite screw cap and rubber liner.



Jumbo Test Tubes with Stand I FR2788

\$30.95

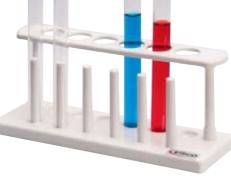
Includes 6 test tubes, different coloured lids (to track experiments), sturdy rack and Activity guide. Plastic tubes are safe from -10 to 95°C and feature calibration marks (25, 50, 75 and 100ml). Hand wash. Tubes measure 15 x 3.8cm in diameter.



Giant Pipettes EC0006 Set of 6

82

Made of durable quality-moulded plastic and perfect for little hands. Set of 6 pipettes. The use of a pipette is an ideal exercise to build fine motor skills and it also develops hand-eye coordination and cognitive development.



Test Tube Stand Polypropylene EIS0694B Each

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.

\$6.15



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



\$9.95



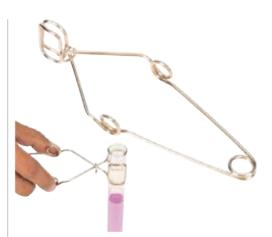
Lab Essentials Science & Lab Equipment



 Petri Dish
 Scheme
 Schem
 Sche



Watch Glass – 9cmEIS0554DPack of 10Used as a surface to evaporate liquids, holds solidswhile being weighed or to cover a beaker glass.



Test Tube Holder EIS0730

\$4.50

\$7.95

Plated spring steel wire holder with finger grip. The jaws will accept tubes up to 40mm diameter and their alignment is maintained by a wire collar.



Filter Funnel Polythene

EIS0454K	Set of 3 funnels	\$4.95
EIS0454A	5cm	\$1.75
EIS0454C	7.5cm	\$1.95
EIS0454D	10cm	\$2.30

Polythene filter funnel. Unaffected by acid, alkalin,e etc. Set of three funnels consists of sizes 5, 7.5 and 10.5cm. Illustrated beaker not included.



Plastic Funnels with HandleUB0144Set of 3

Set of 3 plastic funnels. The smallest measures 60ml, 6cm top diameter and 6.5cm length. The middle sized funnel is 120ml, 8cm top diameter and 9cm in length. The longest is 250ml, 10cm top diameter and 11cm in length.



Beaker Tongs EISBT001

\$6.95

For handling beakers from 50 to 2000ml capacity. Made of nickel-plated steel wire. Overall length is 23cm. Maximum jaw opening is 15cm.



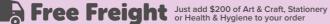
Durable, graduated plastic syringes.





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.





Science & Lab Equipment 2017





quality bunsen burner for school and general lab use. Rotatable air hole to control flame size/heat. Base diameter is 8.5cm and overall height is 13cm. Tube diameter is 1.4cm.

Ceisco

These Bunsen burners are perfect for primary schools. The base is designed in a way that students can't tip over the burner, and the additional safety handle makes it possible to lift it like a candle. This overcomes the problem that students want to pick it up from the top, which can be very hot. Available in natural gas and LPG.

- parts
- Less chance of tipping over





Wire Gauze NK1502 \$2.15

Wire gauze for use with Bunsen and Tripod. Ceramic centre. Gauze is 12cm square.

Base & Steel Rod Retort Stand Kit EIS0649K \$32.95

This kit includes one base (EIS0649B) and one rod (EIS0657A)

with rubber feet. Size: 20(L) x 12.5(W)cm, 1200g.



Rubber Tubing for Bunsen Burners EIS0100A \$12.50

Neoprene rubber tubing, recommended for use with bunsen burners. With reinforced ends for easy and sturdy connection.



Porcelain Evaporating Basins NK0048K 50mm - Set of 10 NK0055K 150mm - Set of 10

\$9.95 \$16.95

10

Glazed porcelain basins that can be used as evaporating basins when studying changing states of matter. Round bottom with spout. NK0048 has a 7cm rim diameter. NK0055 has a 10.4cm rim diameter.

Tripod Stand – Triangular EIS0645A \$9.50

This tripod stand will be a valuable resource in your science classroom. It has splayed, steel legs for areater stability and easy access along with a cast iron top. Excellent for use with bunsen burner, wire gauze, beakers and evaporating basins. Each tripod side is 12cm long and the total height is 21cm.



in diameter.



Chemistry Essentials Science & Lab Equipment



Clamp Retort – Combined EIS0687 \$14.95

Diecast alloy clamp retort, cork-lined jaws with boss head, which accommodates rods up to 1.5cm diameter.



Boss Head EIS0662 \$4.40

For use with laboratory stand, diecast alloy, accepts rod up to 1.6cm diameter, which is secured with nickel-plated brass tommy screws.



Ring Closed with Clamp EIS0672B 7.5cm \$6.95 EIS0672C 10cm \$7.50

Accepts rods from 8mm to 12.5mm diameter. Distance is 14cm from centre of support to centre of ring.



Adjustable 360° jaw rotation, for attaching to support rods up to 16mm in diameter. Overall length 14cm.

tiny particles! Size: 5.5cm in diameter.



Burette Clamp – Double EIS0258B \$18.95

This burette clamp is a double clamp with high strength allow casting jaws, for use in combination with a buretty. Attach two burettes at the same time. The clamp can be used single handed, making it very convenient. Suitable for all burettes up to 100ml.

(blue or red). The kit includes one of each.



Mortar and Pestle EIS0540A \$4.10

Glazed mortar and pestle. Pestle is 11cm long. Mortar's rim diameter is 10cm, bottom diameter is 6cm and height is 4.5cm.





PH Paper NK6002B \$5.95

This pH paper and indicator shows the pH from 0-14. The roll is 5m long. Simply compare the colour of the paper with the colours on the disc to find out the acidity or basicity of the solution.

Science & Lab Equipment Chemistry Essentials



Mass Cubes for Density Investigations NK1202 9 pieces

\$51.95

This set of mass cubes consists of 9 cubes, each of a different material. Each cube measures 2.5 \times 2.5 \times 2.5cm. An ideal set to study density and mass differences between different materials. Set contains one of each cube: copper, iron, aluminium, acrylic, nylon, PVC, brass, softwood and hardwood. Comes with instruction guide.



Materials Kit (solids) EIS0114B \$99.95

This kit consists of 14 materials in the form of rectangular blocks, intended to familiarise students with the appearance, 'feel', texture, harness and density of a range of common substances. Contents in size $5 \times 4 \times 3$ cm: wood, paraffin wax, aluminium, iron, foamed polystyrene. In size $2 \times 2 \times 10$ cm:perspex, glass, slate, aluminium, softwood, marble. Blocks in other sizes: lead ($5 \times 5 \times 2$ cm), brass ($2 \times 2 \times 5$ cm) and iron ($4 \times 4 \times 2$ cm).



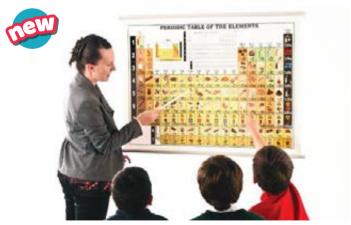
Cube For Density Investigation - 2cm EIS0108A Brass \$7.50 EIS0108B Lead \$4.95 EIS0108C Zinc \$5.95 EIS0108D Copper \$11.95 EIS0108E Aluminium \$5.95 EIS0108F \$4.95 Iron EIS0108H Set of 6 cubes \$32.95

Each cube measures 2cm and comes without hook. They can be purchased individually or as a set of 6. Supplied with instruction manual.



Stick to Science - Magnetic Periodic Table Investigation QE50200 \$44.95

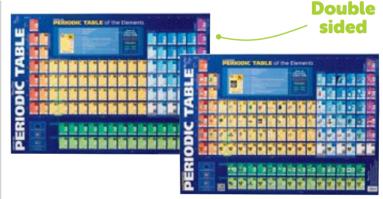
This set includes the first 20 elements of the Periodic Table to illustrate the core concepts of atomic theory. This selection of magnetic element cards designed to minimise the extra information while focusing on essential points. Includes 42 elements cards: Elements 1-20, blank cards, Hydride (H-), 3 Mg Isotopes, Au and Pb. Includes Teacher's notes.



Periodic Table of Elements Chart EIS0597A \$21.95

86

This periodic table of elements chart measures 75x100cm. The chart shows the 112 elements with a picture of the element used in an everyday object. The chart is printed on polyart plastic sheet, fitted with a plastic roller.



Periodic Table Chart – Double Sided EC453 \$9.95

This periodic table chart is double-sided and will be a great resource for any classroom! One side is illustrated with excellent images of where these elements are found in daily use, while the reverse has no images. Easy to understand colour reference and legends.



Laboratory Safety Chart EIS0598A

\$27.95

Classroom size 75 x 100cm. Printed on polyart plastic sheet, coloured, fitted with plastic roller. Furnishing vital safety information, instantly full time reinforcement of safe laboratory conduct.



Chemistry Essentials Science & Lab Equipment



Solid Water Sensory Gel RE6560

\$32.95

In just a few minutes, you can create a clear gelatine-like material that can be moulded into interesting shapes. It acts like solid water! The material is vegetable based and vegan. Develop fine motor and problem solving skills. Use it in art activities or make your own wobbly building blocks! The gelatine contains a preservative so it will last for over a week and can be melted and reused up to three times. Includes: 200ml which is enough to make 50 cups (12 litres) of gel.

Fach





Crackle Baff - Single Pack CB5230-1 Each \$9.95

Make your bath water crackle and pop with this magical popping dust. Sprinkle some over your water and watch it bubble



Sensory Materials Kit RE6560K \$49.95

Explore different types of sensory materials. This kit consists of one of each: solid water sensory gel (RE6560), Slime Baff (SB01-1), Crackle Baff (CB5230-1) and Gelli Baff (GS5143-1).



Bursting with Bubbles

CB655

2 litre bottle

\$14.95

Bubble Wands

CB824 Pack of 24 \$32.95

colours. Each wand is 20cm long.

Children will love these plastic colourful

bubble wands. There are 4 shapes in 4 bright

A safe and non-toxic bubble blowing liquid that produces "zillions" of great bubbles

Free Freight Just add \$200 of Art & Craft, Stationery or Health & Hygiene to your order



Slime Baff - Single Pack SB01-1 Fach \$9 95

Make bath time fun with Slime Baff! Slime Baff is a powder that turns bath water into a gooey slime. When the fun is done simply turn the taps back on to dilute the slime. Slime Baff gives children a fun bath time, does not block drains and is kind on skin. Randomly supplied in different colours.





Gelli Baff - Single Pack GE5143-1 Each \$9 95

Gelli Baff is a totally unique, fun, bath time product that lets you turn water into goo and back again! By adding Gelli Baff powder to water, you create a thick colourful goo. Add a second 'dissolver' powder, to turn the goo back to water! Randomly supplied in different colours.

> \$66.80 \$**49**95 SAVE \$16.85





Science & Lab Equipment Thermometers & Stopwatches





Classroom Thermometer \$12.95 LER380

For indoor and outdoor use, this wall-mounted thermometer clearly gives temperature in both Celsius and Fahrenheit scales. Recessed tube prevents accidents. Range: -40 degrees to 50 degrees Celsius and -40 degrees to 120 degrees Fahrenheit. The thermometer measures 7.5 x 38cm. Ages 6+ years



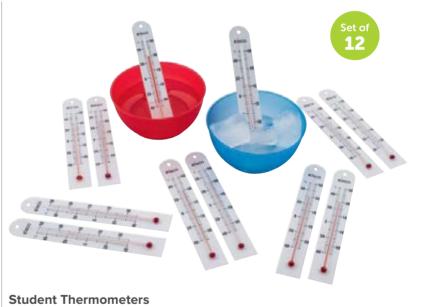
Digital Fridge Thermometer SOG8009 \$9.95

This thermometer is an ideal tool to measure the temperature of your fridge. It has a temperature sensor at the end of an 80cm long cable, which goes on the inside of the fridge. The large display shows the temperature of the fridge. The measuring range is from -50° to +300°. It comes with 2 buttons (ON/OFF and to change from C to F). Powered by an 1.5V AAA battery (not included).



White back alcohol thermometer with range from -10 to 100°C and with 1° divisions. Glass. Packed in plastic cover. Size: 6mm diameter, 300mm long.





Size: 22.8cm long and 2.1cm in diameter. Temperature range: -50°C to +300°C. Resolution: 0.1°C(<=100°C), Accuracy:±1°C. Power Saving: auto-off after 15 minutes of no-operation. Switch between °C and °F. Comes individually or in a set of 10.



Stopwatch CEC502 CEC502-15

EIS1200

Each

function. The stopwatch is water-resistant and measures 8.3 x 2.5 x 6.4cm. Ages 6+ years

Set of 12

range from -40 to +50 degrees Celsius.

\$149.95 Set of 15 This electronic stopwatch has a two-row display for lap/split time and total time measurements with 1/100 sec. It can store and recall up to 10 lap and split times, has a memory recall after reset and during operation. It also offers calendar and time (12/24 hour format), daily alarm and countdown

\$24.95

A set of 12 glass student thermometers on a PVC base. The thermometers





LER0808



Scales & Lab Safety Science & Lab Equipment

\$17.95

Small

These lab coats are available in 2 sizes and made of white polyester/cotton drill concealed press-stud fastenings, back vent and three large pockets. Small: length 95cm, Chest 58cm, Arm Length 42cm. Medium length: 100cm, Chest 60cm, Arm Length 46cm.

\$39.95

\$36.95



Kitchen Scale Max 500g DN4004 5g increments

This kitchen scale is ideal for measuring smaller volumes and/or mass when more accuracy is needed. The scale measures up to 500g, with 5g increments.



Kitchen Scale Max 5kg DN4006 25g increments

A perfect scale for measuring heavier objects. The kitchen scale measures up to 5kg with 25g increments.

> Lab Coats EIS0622A Medium

EIS0622C



\$13.95





Safety Goggles			C
FD2400	Each	\$6.95	L
12 or more - Each		\$5.95	т

Durable, plastic goggles protect the eyes while flexible body increases wearing comfort. Goggles meet ANSI approved standards. Suitable for students and teachers.



Coloured Safety Goggles LER2449 Set of 6

These fun, coloured safety goggles can be used any time students need reliable eye protection. Sized just right for your students and adjustable for adults. Set of six pairs of goggles comes in three bright, translucent colours (red, blue, and green).

\$43.95



Clear Safety Glasses – Vented EIS0619A Each \$6.95 EIS0619K Set of 30 \$149.95

These clear safety glasses are made of durable polycarbonate. They fit over most prescription glasses and are vented to keep the glasses from fogging. UV protected and light weight. With impact resistant lens, conforms to ANSI Z87.1 2010 sideshield protection.

89



Digital Kitchen Scale With Bowl Max 5kg DN4008W 1g increments

\$35.95

This digital kitchen scale is accurate, with 1g increments. The scale measures up to 5kg and comes with detachable bowl.

Science & Lab Equipment Calculators





 8-Digit Hand-Held Calculator

 CEC8188-K

 CEC8188-K

 CEC8188

 CEC8188

 CEC8188

 CEC8188

 CEC8188

 CEC8188

 CEC8188

 Calculator Calculator

 \$8.95

 CEC8188-K includes 10 x 8 Digit Calculators with Bonus Storage Caddy (I EP0053) which

CEC8188-K includes 10 x 8 Digit Calculators with Bonus Storage Caddy (LER0053), which holds 10 calculators.



Whiteboards, Charts & Posters Science & Lab Equipment

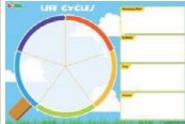




Magnetic Wall Sticker - World Map MGL012

\$36.95

This wall sticker can be used on any wall without glue or pins and can be easily removed. The size of the map is 60(L) x 40(H)cm and comes with 51 magnetic pieces that will stick to the poster or any magnetic whiteboard. Facts about the different continents are displayed on the poster. Magnets include iconic landmarks and animals as well as continents.



Magnetic Wall Sticker - Life Cycles MGL013 \$34.95



pins and can easily be removed and reused. The size of the sticker is 60(L) x 40(H)cm and comes with 40 magnetic pieces that will teach children everything about the life cycles of a flowering plant, frog, butterfly and human. Magnets include images of the different stages of the life cycle as well as the terminology of the stage.

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This wall sticker can be used on any wall without glue or



Human Body Charts EC0100K

Set of 3

\$23.95

A set of 3 double-sided classroom charts of the human body. Each chart is laminated and measures $69.5(L) \times 49.5(H)$ cm. The charts are a great visual tool for students to learn about our organs, skeletal system and muscle groups. Each chart is also available individually.





Whiteboard – Graph

TEB0243

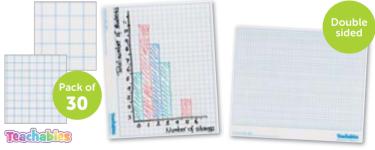
These whiteboards display a graph grid, with every 10x10mm displayed in a dark blue grid, and every 2x2mm displayed in lighter blue lines. This makes it possible to accurately create a graph. Supplied in a pack of 30. Size: 27.8(L) x 23(H)cm.



Large World Charts – Climate, Rainfall & Temperature TEB6042 Set of 3

\$134 95

This set of 3 large charts consists of one average temperature chart, one average rainfall chart and one world climate chart. Perfect for geography lessons! Find relationships between temperature, rainfall and climate by comparing the different maps. Each chart measures 100(L) x 75(H)cm.



Whiteboard – Grid 5 & 10mm Double-Sided **TEB0241** Pack of 30 Whiteboards

\$32.95

These whiteboards have a 5mm grid on one side and a 10mm grid on the reverse. The write-on wipe-off surface makes it easy to quickly correct mistakes. Use with Teachables markers and cleaners for best results. Size: 27.8(L) x 23(H) cm.





Graph Paper – 5mm QL02540 500 sheets \$17.95

This sharp, clearly printed A4 graph paper is supplied in loose leaf reams. There are approximately 500 sheets in each ream.





Data Logging

Complexity: For beginners and intermediate level

Extendibility: Add different sensors to the base unit to extend the learning topics Programming Language/Software: Browser based - no software or apps needed Compatibility: PC (Windows), Mac (OS), tablets and smartphones (iOS and Android), Chrome books

Age Group: Ages 6 to 14

Curriculum Links: ACTDEK002/23/31/43 - ACTDEP007/14/24/35/36/37/50 - ACTDIK007

The Eisco Sensor Platform is designed specifically for primary and early high school students. Sensors attach to a handheld base unit which displays the data in real-time. Data from the sensors can be streamed to a laptop, tablet or smartphone using the optional WiFi module. Buy a complete set of sensors or just select the sensors you need. No calibration is required.



Connect & Collect!

Start with the Base Unit with built-in Ambient Temperature Sensor to begin collecting ambient temperature data instantly.



Choose from 9 Interchangeable Sensors:

Add individual sensors to match your classroom needs.



Add Optional Wi-Fi

Add the optional Wi-Fi Module for wireless connectivity to any device.



Eisco Sensors Handheld Base-unit EIS100B \$349.95

This unit is the centre of the Eisco Sensors Platform. Any Eisco sensor can be connected and will instantly be recognised. This unit can be used as a stand-alone device, tethered to a computer or it can stream data to any device. When the unit is set to handheld mode, students can instantly collect and analyse data on the screen of the unit while being on the move. USB mode is an alternate option for analysing data on a larger screen.

Specifications

- Built-in ambient temperature sensor
- Full-colour touch screen
- Internal rechargeable battery



Eisco WiFi Module EIS100W \$299.95

This WiFi module add-on connects to the base unit (EIS100B) and allows data to be streamed directly to laptops, tablets and smartphones by creating a self-contained WiFi network specific to that WiFi module. Sensors can be run and viewed from any device connected to this WiFi hotspot. No internet or external network is required for this function.

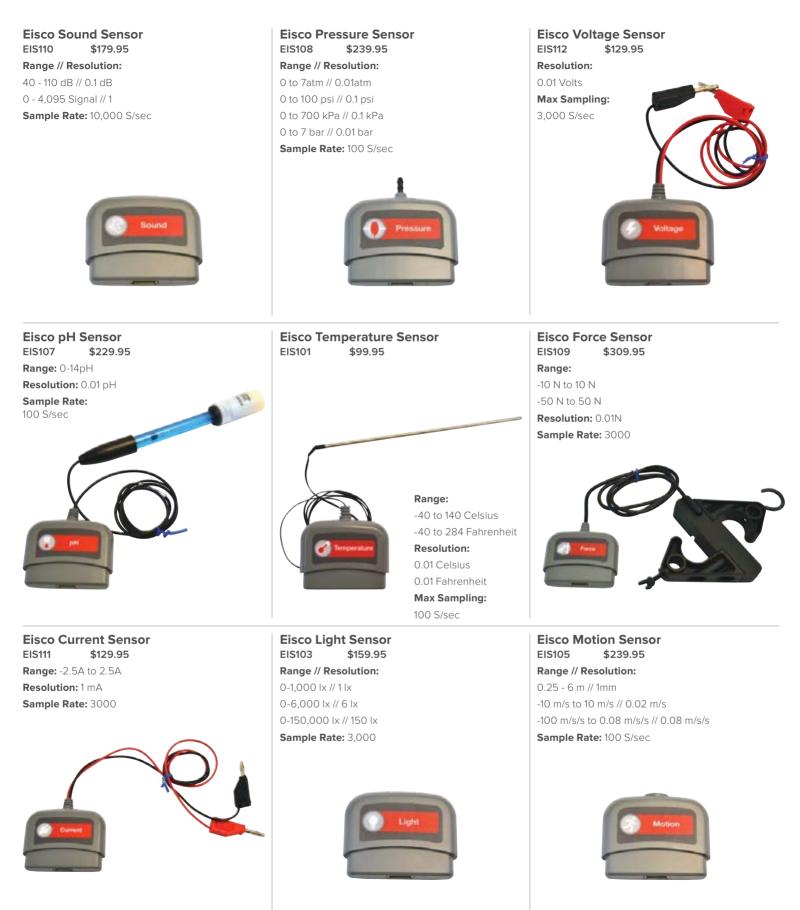


EISTOOCP \$2,049.95

This set consists of the handheld base unit (EIS100B) and one of each of the sensors (current, light, motion, force, temperature, pressure, pH, voltage and sound), and the WiFi module (EIS100W). Packed in a sturdy storage box.



Data Logging Digital Systems Science & Lab Equipment







\$107.70

SAVE \$17.75

95

Science Books Living or **RP7320K** Set of 9 \$129.95 Nonlivina? \$161.55 This collection of books is the next step of the basics of physics, biology, chemistry and Earth and 95 space. A perfect way to get children interested in science from a young age! The 9 books can be SAVE \$31.60 bought as a set or separately. Each book is 20.3cm square and has 24 pages. For individual titles, please visit our website. Ages of interest: 6-8 years

Science Books RP7207K Set of 6

\$89.95

This collection of books shows young students the basics of physics, biology, chemistry and Earth and space. A perfect way to get children interested in science from a young age! This collection can be bought as a set (6 books) or separately. Each book is 20.3cm square and has 24 pages. For individual titles, please visit our website. Ages of interest: 5-7 years



Our Body Books RP0006K Set of 4

\$59.95

This collection of books shows young students all the basics about the human body, from our immune system, muscles and skeleton to our senses and skin. The 4 books can be purchased as a set, or the titles can be found individually on our website. Ages of interest: 5-8 years.



How Can I Experiment with...? Books RP0080K Set of 6 \$84.95

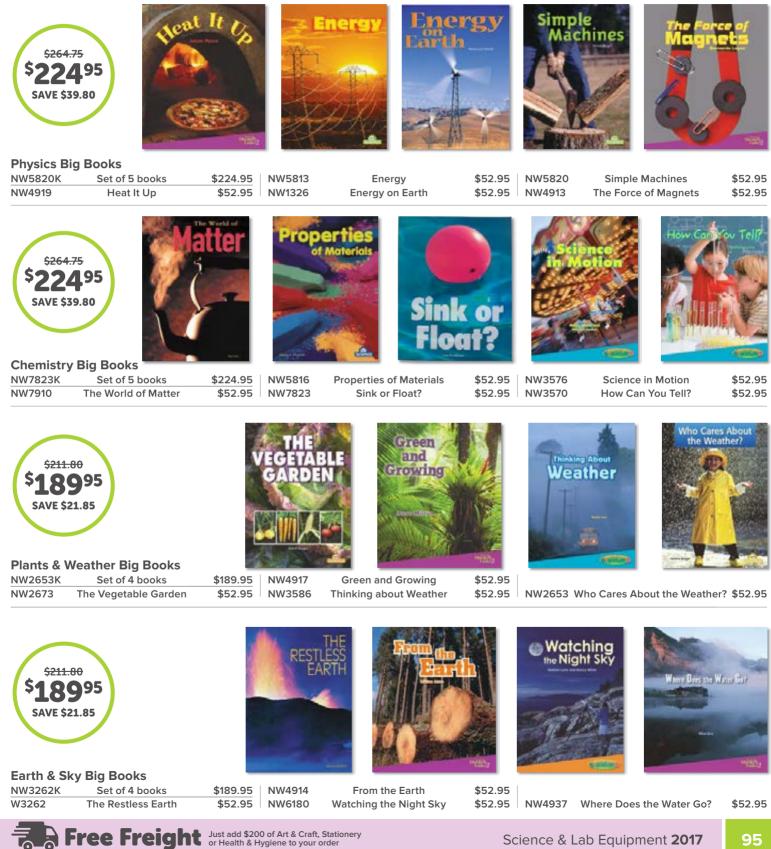
These hands-on books give students many opportunities to experiment with atoms, electricity, forces & motion, gravity, light or sound. Size: 20.3 x 22.8cm, each book has 32 pages. For individual titles, please visit our website. Ages 7+ years





Science Big Books

These science big books are a perfect way to introduce science subjects to young ones. Covering topics from energy and magnets, to matter, Earth, weather and plants. Each book has beautifully illustrated images and photographs.



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