mt:a
modern teaching aids

STEM & Makerspace Materials 2018

Contents

What is STE(A)M?

STEM is an educational approach that incorporates Science, Technology, Engineering and Mathematics to guide students learning. By adding art and design to the equation, STEM transforms into STEAM.

Students that are exposed to experiential learning are proven to be better problem solvers, more creative and develop higher level critical thinking skills. These attributes are essential for all students, in order to meet the needs and expectations of the 21st Century workforce and future careers.

NEW

City - Engineering & Design Building Set

Your little engineers can create their own skyscrapers, cranes, bridges and more with 89 easy-to-assemble pieces. 100-Piece set includes Activity Cards. Platform measures 4.25" x 4.25". Ages 5+ years

**LER2843**   **$47.95**

FREE freight
on all orders over $99

Conditions apply, see website for details.
Valid until 31st December 2018.
Promotional value excludes GST.
Offer excludes export & new projects.

STEM Starters Book Kit

NEW

AG9424K   **$46.95**

4-book STEM STARTERS FOR KIDS series that aligns with Australian STEM curriculum focus. Packed with activities and engineering facts. Beautiful colour illustrations.

1 Let's SMASH SCIENCE

2 Let's TACKLE TECHNOLOGY

3 Let's MASTER MATHS

4 Let's EXPLORE ENGINEERING
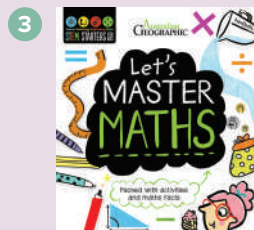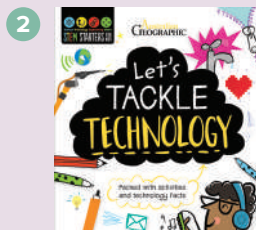
1. STEM Starters - Lets Smash Science **NEW**

Through fun games and puzzles, learn about smells and taste buds, the power of magnetism, discover how sound travels and investigates energy. Ages 7+ years

AG9424   **$12.95**

2. STEM Starters - Lets Tackle Technology **NEW**

Put your thinking caps on to answer questions and riddles, draw pictures and create maps around subjects such as the internet and satnav. Ages 7+ years

AG9431   **$12.95**

3. STEM Starters -Lets Master Maths **NEW**

Young mathematicians can discover more at home by reading the simple explanations and doing the beautifully illustrated activities on each page. Ages 7+ years

AG9455   **$12.95**

4. STEM Starters - Lets Explore Engineering **NEW**

Little learners can discover more about engineering at home by reading the simple explanations and doing the beautifully illustrated activities on each page. Ages 7+ years

AG9448   **$12.95**

Home Lab: Make Your Own Science Experiments

Stir up some sticky slime, build a Solar System with rubber bands, power a speed boat using soap, and construct an erupting volcano. Home Lab is packed with 28 brilliant projects.
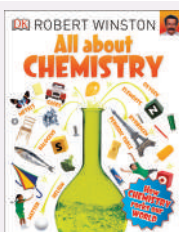
PEN8449   **$32.95**

101 Great Science Experiments

With 101 science experiments for kids inside covering topics such as colour, magnets, senses, electricity and much more you'll be discovering the laws of science before your eyes.

PEN5131   **$18.95**

All About Chemistry

All About Chemistry takes an amazing look at the what, why and how of science. Kids can enter a world of discovery as they find out the extraordinary way our world works. It's chemistry, but not as you know it.

PEN6577   **$21.95**

Coding With Scratch Made Easy

Coding with Scratch Made Easy is a playful, hands-on introduction to working with Scratch, the easy-to-use - and free to download! - visual code that provides a gateway to more complicated coding languages.

PEN3276   **$14.95**

Coding in Scratch for Games Made Easy

Coding in Scratch for Games Made Easy is an engaging, fun guide to coding games in Scratch, the easy-to-use (and free to download!) visual code that provides a gateway to more complicated coding languages.

PEN3269   **$14.95**

How Super Cool Stuff Works

How Super Cool Stuff Works is a cutting edge guide exploring how incredible new technologies are shaping the modern world.

PEN8456   **$42.95**

365 Things to Do with LEGO® Bricks

365 Things to do with LEGO® Bricks inspires you to look at your LEGO bricks in new and exciting ways every day of the year.

PEN9259   **$32.95**
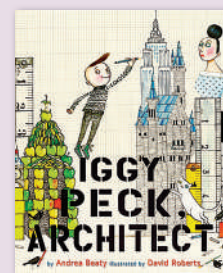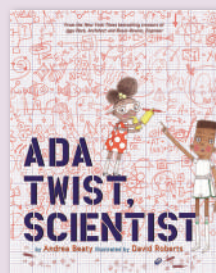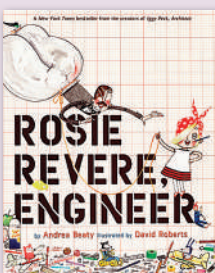
Stem Picture Books Pack 1

Architecture and literature make this book pack a wonderful platform for creative STEM activities.

MTASTEM1   **$64.95**

FREE freight on all orders over $99. Conditions apply, see website for details.

STEM Projects

STEM Engineering & Design

5+ yrs

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).

LER2842   **$44.95**

Set includes
- 2 Blue Slide pieces
- 1 Black Tire
- 1 Yellow Swing Seat
- 1 Purple Platform
- 1 Orange Hook
- 1 Green Handle
- 2 Green Seesaw Plank
- 6 Blue Triangle Connectors (one with loop)
- 1 Blue Circle Connector (for triangle pieces)
- 6 Yellow Round Bases
- 4 Purple Rod Connectors
- 2 Orange Round Poles
- 2 Orange Round Connector Poles

Set includes
- 8 Green Short Square Poles
- 8 Green Long Square Poles
- 6 Green Base Connectors
- 4 Green Connecting Planks
- 4 Orange Gears (one with raised connection)
- 1 Zipline Pole
- 1 string (30")
- 2 Playground Pals
- 28 Blue Links
- 10 Challenge Cards
- Teacher guide

STEM Activity Kit - Set of 4
LER2833K $211.95

This kit consists of one of each of the following sets: STEM Sink & Float (LER2827), STEM Magnets (LER2833), STEM Force & Motion (LER2822) and STEM Simple Machines (LER2824).

5+ yrs

~~$239.80~~
NOW ONLY
$211⁹⁵
SAVE $27.85

1. STEM Sink & Float Activity Set
5+ yrs

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 buoyoncy, gravity, density, and more! Comes with detailed teacher material. Submarine measures 15 x 9cm.

LER2827   20 activities $59.95

2. STEM Magnets Activity Set
5+ yrs

Learn all about the properties of magnetism in a fun, colourful way. Pieces include a horseshoe magnet, magnetic post, maze, 4 ring magnets, 2 bar magnets, 2 magnetic bugs, 2 snap-on cars, and 10 double-sided activity cards (20 activities!). Comes with extensive teacher notes. Maze measures 28 x 21.5cm.

LER2833   20 activities $59.95

3. STEM Forces & Motion Activity Set
5+ yrs

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! Includes additional teacher material.

LER2822   20 activities $59.95

4. STEM Simple Machines Activity Set
5+ yrs

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.

LER2824   20 activities $59.95

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

Hue Animation Studio Kit - Software & Camera

NEW

HUE Animation Studio contains everything that a budding animator needs to create stop motion animation videos. Perfect for school projects, this is a creative and educational tool for endless creativity and imagination. The kit includes the Animation Software (single license), the HUE Camera, a user guide, and 1.8m USB cable. The HUE camera is a multipurpose camera and can be used for stop motion animation, video recording, classroom document camera/visualiser and video chat. The HUE HD camera is a flexible plug and play USB camera with built-in microphone, perfect for animation. The kit also includes the HUE Book of Animation with instructions for 20 stop motion videos.

HUEKIT1	**$186.95**

Hue HD Pro camera & Software

NEW

The HUE HD Pro classroom camera and visualiser can view a full A4 page and project it onto the whiteboard via your PC and projector. It also comes with specially designed software (single license), HUE Intuition, to allow you to master the full functionality of the camera. HUE Intuition allows you to record video and sound and save movies, annotate images and save them, take snapshots, and take multiple images over time. The camera has built-in LED lights, full 360° rotation, manual focus, optional base and integrated microphone and comes with USB to mini-USB cable.

HUE002	**$179.95**

HUE Animation Software

NEW

If you already have a HUE Camera, or any other USB webcam or a built-in laptop camera which you want to use to create stop motion animation on more than just one computer, you can purchase the HUE Animation software separately. Different licensing options are available.

HUE005	**5 Licenses**	**$189.95**
HUE010	**10 Licenses**	**$349.95**
HUE100	**Site Licenses**	**$1,499.95**

Youtopia - STEAM Diorama

Back

Front

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 pre-cut 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+

SN6724	**Each**	**$27.95**

FREE freight on all orders over $99. Conditions apply, see website for details.

Building Sets

Skate Park - Engineering & Design

NEW

This unique engineering and design challenge helps little learners sharpen their critical thinking, problem solving, and STEM skills as they create the skate park of their dreams. 43-Piece set with Activity Cards included. Longest ramp measures 10" x 2". For ages 5+ years

LER2845 **$32.95**

City - Engineering & Design Building Set

NEW

Your little engineers can create their own skyscrapers, cranes, bridges and more with 89 easy-to-assemble pieces. 100-Piece set includes Activity Cards. Platform measures 4.25" x 4.25". For ages 5+

LER2843 **$47.95**

See inside the shape and explore the space within

POLYDRON

Polydron Frameworks Multi Pack

Frameworks is the next generation of Polydron with the versatility for bigger and more complex shapes. A unique joining system makes Frameworks completely compatible with original Polydron which will complement any packs already in the classroom. It is lighter and therefore students can construct more complex and bigger designs, while allowing them to see the inside of the shape and explore the space within. Investigate shape, angles, edges, vertices, planes and tangent. Includes an activity booklet.
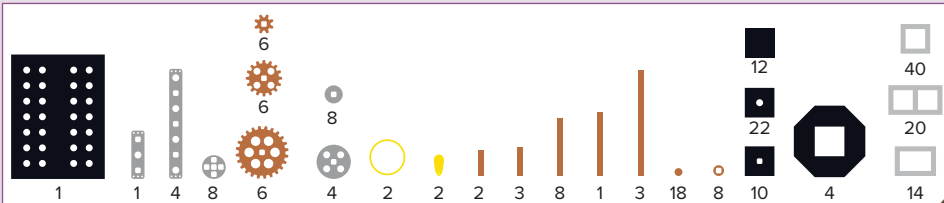
ZZ3043 **460 pieces** **$299.95**

⬡	▢	△	⬠	◁	△	△	▢	📖	📖
20	80	160	40	80	40	20	20	1	1

															12		40
			6												22		20
			6	8													
1	1	4	8	6	4	2	2	2	3	8	1	3	18	8	10	4	14

Working V8 model with cam, cylinders & valves

250 pieces
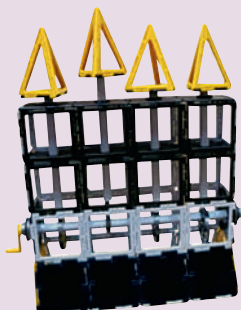
POLYDRON Engineer

Polydron Engineer Class Set

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
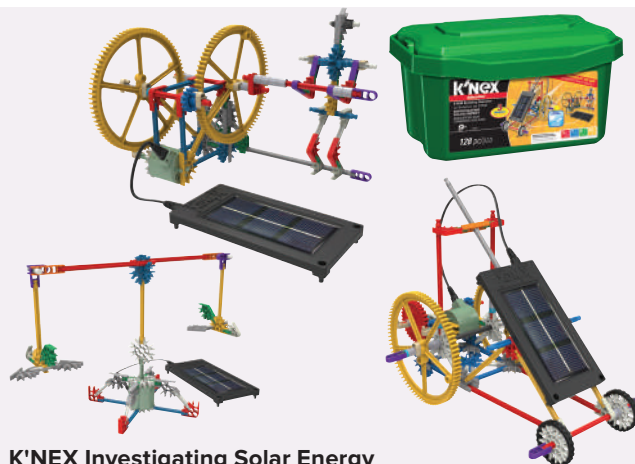
ZZ9060 **250 pieces** **$299.95**

K'NEX Exploring Wind & Water Energy

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.

KN77051   **288 pieces**   **$109.95**

K'NEX Investigating Solar Energy

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.

KN77075   **129 pieces**   **$126.95**

Build up to 60 models!

3447 pieces

K'NEX Simple Machines Deluxe

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.

KN79520   **3447 Pieces**   **$495.95**

Key concepts

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

K'NEX – General Construction Set

Tremendous value for general building! Treat your class to 1475 K'NEX pieces and building instructions for an unprecedented 82 exciting and dynamic models. Standard and unique K'NEX pieces explode from this convenient plastic tub including new K'NEX Panels! Contents include a spring motor, a power pack motor and 2 instruction books, all packed in plastic storage tub.

KN7981   **1475 pieces**   **$299.95**

K'NEX – Introductory Building Set

Includes 705 classic K'NEX pieces for open ended construction. Includes instructions and ideas for 70 unique models including cars, plane, sea creatures, and more. All K'NEX sets are compatible. Use your imagination to build creative and colourful constructions. Each piece snaps together to create large scale, stable models. Supplied in a cardboard box.

KN12211   **705 pieces**   **$89.95**

FREE freight on all orders over $99. Conditions apply, see website for details.

Construction

~~$585.50~~
$499⁹⁵
SAVE $85.55

x2

x2

NEW | LEGO education | 3rd party product

LEGO® Education STEM Construction & Vehicles Kit

Kit includes 2 x Creative Brick Sets (LEG5020), 2 x Wheels Sets (LEG9387), 2 x containers (LEG9840-SB), Blue (ZU8303-DB), Red (ZU8303-R), Green (ZU8303-DG) and Black Tape (ZU8303-BK). Contents may vary. Ages 4+ years

LEG5020K	2576 pieces	$499.95

~~$849.85~~
$799⁹⁵
SAVE $49.90

NEW | LEGO education

Tech Machines STEM Kit

Includes 2 x Tech Machines (LEG5002) and 1 x Creative Brick Set (LEG5020). Ages 4+ years

LEG5002K	1190 pieces	$799.95

~~$634.85~~
$599⁹⁵
SAVE $34.90

MAGNETIC POLYDRON

△	△	☐	☐	⬠		○
48	60	36	24	24	40	40

Magnetic Polydron - STEM & Exploration Set

Sets include a variety of different pieces and includes insert panels. Contents may vary. Compatible with all Magnetic Polydron sets except Mega Mag. Ages 3+ years

ZZ1120	272 pieces	$599.95

~~$399.90~~
$299⁹⁵
SAVE $99.95

x2

POLYDRON

△	△	△	▲	☐	■	●	✦	●	•
48	24	96	160	48	40	8	6	8	8

NEW

Polydron STEM Construction Kit

Kit includes 2 x Polydron Mighty Tubs (ZZ5005). Contents may vary. Ages 5+ years

ZZ5005K	446 pieces	$299.95

~~$505.55~~
$399⁹⁵
SAVE $105.60

Mobilo STEM Construction Kit **NEW** plasticant **mobilo**

Kit includes 3 x Basic Sets (ML302), 2 x Wheel Sets (ML019), 3 x Geometric Pieces (ML112) and 1 x container (K28L). Contents may vary. Ages 3+ years

ML302K	534 pieces	$399.95

Junior Engineer Building Set

2+ yrs

Perfect for early STEM, this set includes tools, nuts, bolts, nails, connectors and wheels. Use the tools to explore simple machines and creative construction. Suitable for a variety of ages and skill levels. Supplied in a plastic container. Ages 2+ years

GG8036	160 pieces	$116.95

Stick-lets - Connectors & Sticks Kit

~~$293.80~~
$249⁹⁵
SAVE $43.85

NEW exclusive

Kit includes 1 x Natural Set (SIK40), 1 x Bright Set (SIK36), and 2 x Dowel Sets (TH1003). Contents may vary. Ages 3+ years

SIK7200K	136 pieces	$249.95

Early Years STEM Construction Kit

~~$493.30~~
$399⁹⁵
SAVE $93.35

NEW exclusive

Kit includes cardboard rolls, tape measures, pipe cleaners, toothpicks, wheels, wooden blocks, magnifiers, tape, elastic, wire, beads, buttons, wooden planks, mirrors and adhesive brick tape. To be used with supervision.

BJT645K		$399.95

Unit Blocks STEM Kit

~~$579.90~~
$499⁹⁵
SAVE $79.95

x2

NEW

Perfect for all areas of STEM, this wooden block set includes 2 x Unit Block Set (BS05). Each block is designed to fit together in specific ratios and is excellent for supporting maths-based play. Longest block measures 52(L) x 6.5(W) x 3(H)cm. Contents may vary. Ages 3+ years

BS05K	112 pieces	$499.95
BS05	56 pieces	$289.95

Engineering Building Kit

~~$479.70~~
$369⁹⁵
SAVE $109.75

NEW

Build in all directions with these wooden poles and flexible, silicon connectors. Perfect for supporting STEM curriculums. Kit includes 6 x Builder's Construction Sets (FBT101). Contents may vary. Ages 3+ years

FBT101-6	456 pieces	$369.95

Strawbees - STEM Construction Set

NEW

An open ended STEM construction system which connects recyclable straws to build large, detailed objects. Ages 5+ years

IWA1021	400 pieces	$59.95
IWA1022	1000 pieces	$114.95
IWA1350	350 straws	$36.95

Kid K'NEX - Super STEM Construction Set

~~$479.85~~
$379⁹⁵
SAVE $99.90

x2

NEW kid **K'NEX**

Kit includes 2 x Class Sets (KN78690A) and 1 x Vehicles Set (KN78830). Contents may vary. Ages 3 + years

KN78690-K	679 pieces	$379.95

FREE freight on all orders over $99. Conditions apply, see website for details.

mta

Wheels, Gears and Levers

K'NEX Introduction to Simple Machines

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.

KN78620

KIT OF 3
$209⁹⁵
SAVE $8.90

KN78610

KN78610K	Kit of 3	$209.95
KN78610	Levers & Pulleys - 178pc	$72.95
4 or more - Each		$59.95
KN78620	Wheels Axles & Inclined Planes - 221pc	$72.95
KN78630	Gears - 198pc	$72.95
4 or more - Each		$59.95

KN78630

K'NEX Exploring Machines Set

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

1432 pieces

KN7860	1432 pieces	$289.95
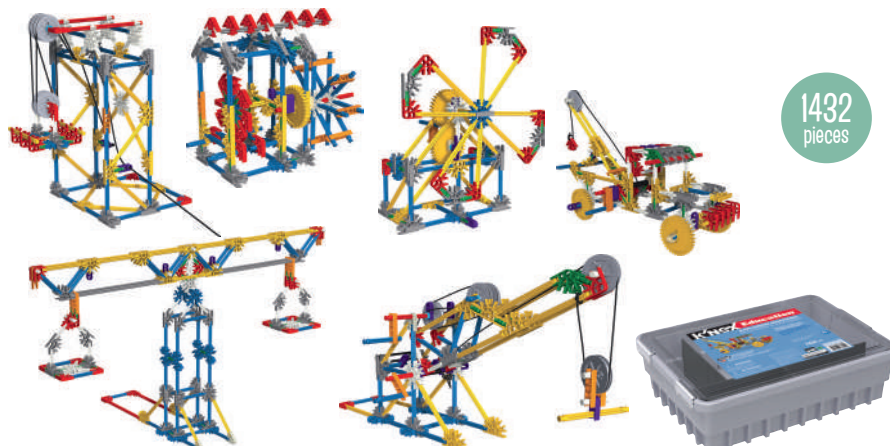
Includes 20 lesson plans

Forces & Simple Machines

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.

SET OF 4
$370⁹⁵
SAVE $28.85

250 pieces

GG1234	Each set	$99.95
GG1234K	Set of 4	$370.95

Learning Lab – Motion & Mechanism

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.

SET OF 4
$364⁹⁵
SAVE $34.85

Includes 20 lesson plans

328 pieces

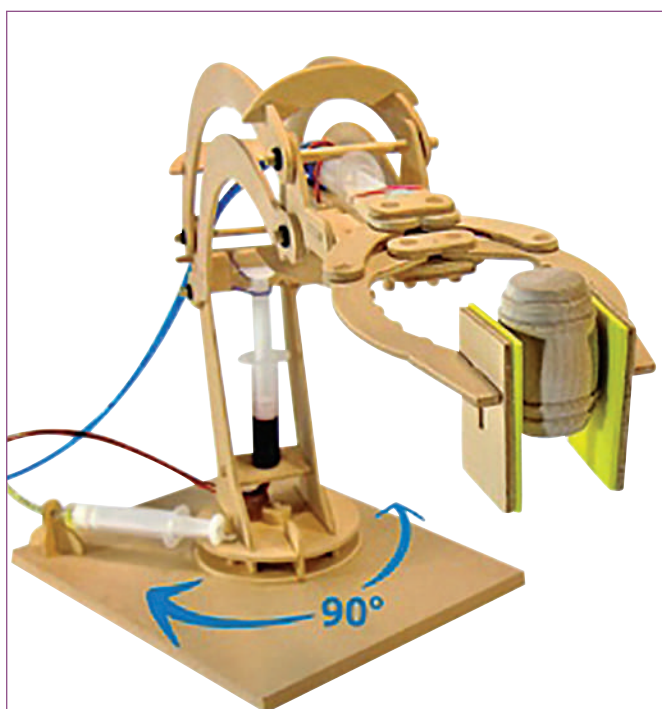| GG1235	Each set – 20 Modules	$99.95
GG1235K	Set of 4	$364.95

Hydraulic Classroom 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.

SN6717   **$299.95**

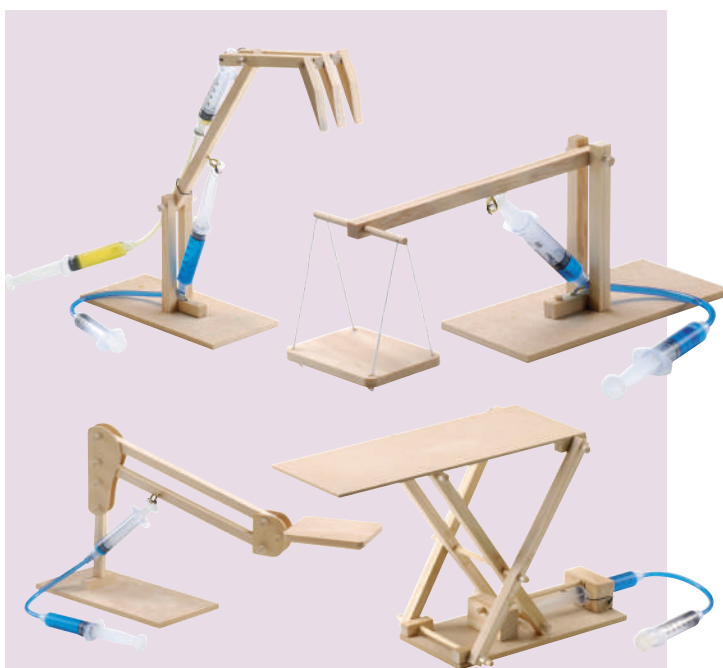*Build over 15 machines at the same time*

Hydraulic Robotic Arm

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.

SN6710   **$49.95**

Hydraulic 4-in-1 Mini Machines

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.

SN6706   **$64.95**

FREE freight on all orders over $99. Conditions apply, see website for details.

LEGO education

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

Simple Machines Curriculum Solution ▶

LEG9689 **$104.95**   [1-3 👥] [📦 204] [▱]

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.

Solution includes

- Simple Machines Core Set   [1]

- Simple Machines Activity Pack*   [📖 20] [⏱ 45-90] [www]

- Simple Machines Maker Activities   [📖 6] [⏱ 90-120] [www]

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 ✓

Built on national standards and developed by teachers. Lesson materials inspire and support educators and students to develop the foundation of STEM capabilities.*

Assessment tools ✓

Assessment of students' learning is enabled through rubrics, observation checklists, and student self-assessment tools.*

eLearning program ✓

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

Technical support ✓

Ongoing telephone and online support to help you with any questions.

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 ✓

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

*Available for free download from **LEGOeducation.com.au/downloads**

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![LEGO education]

Classroom Solutions

Simple Machines Curriculum Solution Packs

	Simple Machines Curriculum Solution LEG9689	Power Functions Battery Box LEG8881	Power Functions M-Motor LEG8883	MTA Storage System Single SUN8317 exclusive 3rd party product
LEG9689-4N 8 students — **$408.95** SAVE $14.85	4			
LEG9689-4NM 8 students — **$599.95** SAVE $23.45	4	4	4	
LEG9689-8N 16 students — **$794.95** SAVE $52.65	8			
LEG9689-8NM 16 students — **$1,119.95** SAVE $126.85	8	8	8	
LEG9689-8NS 16 students — **$1,219.95** SAVE $186.75	8	8	8	1
LEG9689-12N 24 students — **$1,149.95** SAVE $121.45	12			
LEG9689-12NM 24 students — **$1,649.95** SAVE $220.25	12	12	12	
LEG9689-12NS 24 students — **$1,749.95** SAVE $280.15	12	12	12	1

Power Functions Battery Box

LEG8881 **$24.95**

Give even more power and movement to your models with an extra battery box to supply power to your Power Functions motors! Each battery box can power 2 XL-Motors or 4 M-Motors at the same time. Requires 6 AA (1,5V) batteries, not included.

Power Functions M-Motor

LEG8883 **$24.95**

Build an extra medium-strength, medium-sized M-Motor into your LEGO® creations and watch things start moving.

FREE freight on all orders over $99. Conditions apply, see website for details.

LEGO education

Facilitate real-world STEM learning

Simple & Powered Machines Curriculum Solution ▶

LEG9686 **$289.95** | 1-3 👥 | 📦 396 |

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 includes

- Simple & Powered Machines Core Set | 1
- Introducing Simple & Powered Machines Activity Pack* | 📖 48 | ⏱ 45-90 | www
- Advancing with Simple & Powered Machines Activity Pack* | 📖 28 | ⏱ 45-90 | www
- Simple & Powered Machines maker activities | 📖 6 | ⏱ 90-120 | www

A stimulating STEM solution

What's included in the Curriculum Solution?

Core Set ✓

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 is based on national curriculum standards and supports teachers with easy accessible activities to deliver highly engaging STEM learning.*

Assessment tools ✓

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

eLearning program ✓

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

Technical support ✓

Ongoing telephone and online support to help you with any questions.

Community ✓

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

➕

What can I add on?

Expansion sets ✓

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.

Complementary products ✓

Technology components are also available as separate products.

Replacement Packs ✓

Replacement bricks are available.

*Available for free download from **LEGOeducation.com.au/downloads**

Classroom Solutions

Simple & Powered Machines Curriculum Solution Packs

		Simple & Powered Machines Curriculum Solution LEG9686	Track, Ramp & Stand EIS0355DYTR exclusive 3rd party product	MTA Storage System Double SUN8327 exclusive 3rd party product	MTA Storage System Triple SUN8337 exclusive 3rd party product
LEG9686-3N 6 students	$849.95 SAVE $19.90	3			
LEG9686-6N 12 students	$1,669.95 SAVE $69.75	6			
LEG9686-6ST 12 students	$1,859.95 SAVE $119.60	6		1	
LEG9686-8N 16 students	$2,129.95 SAVE $189.65	8			
LEG9686-8ST 16 students	$2,399.95 SAVE $229.45	8			1
LEG9686-12N 24 students	$3,199.95 SAVE $279.45	12			
LEG9686-12ST 24 students	$3,599.95 SAVE $359.15	12		2	
LEG9686-12NS 24 students	$3,625.95 SAVE $443.10	12	1	2	
LEG9686-15N 30 students	$3,919.95 SAVE $429.30	15			
LEG9686-15ST 30 students	$4,495.95 SAVE $472.90	15			2
LEG9686-15NS 30 students	$4,497.95 SAVE $690.80	15	2		2

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FREE freight on all orders over $99. Conditions apply, see website for details.

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Polydron Magnetic Basic Maths Sets

◺	▢	⬠
24	12	12

ZZ1030

ZZ1030   48 pieces   **$189.95**
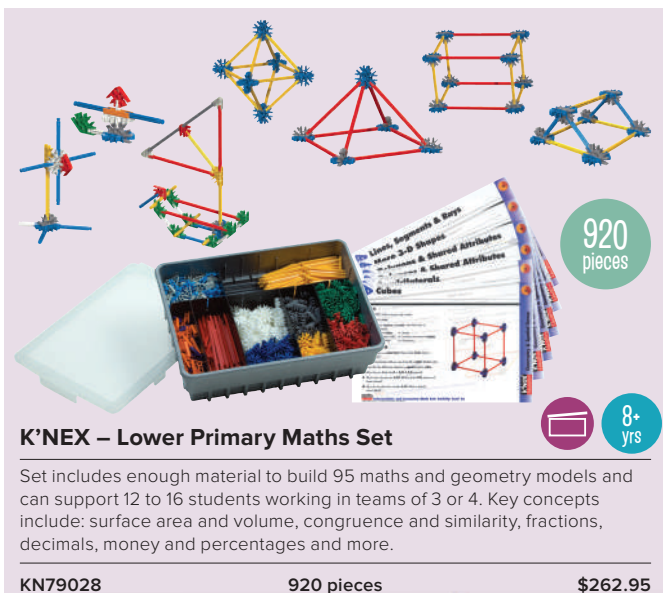
Polydron Frameworks Multi Pack

⬡	▢	△	⬠	◺	△	△	▢	📖	📗
20	80	160	40	80	40	20	20	1	1

See inside the shape and explore the space within

Frameworks is the next generation of Polydron with the versatility for bigger and more complex shapes. A unique joining system makes Frameworks completely compatible with original Polydron which will complement any packs already in the classroom.

ZZ3043   460 pieces   **$299.95**

K'NEX – Lower Primary Maths Set

920 pieces

8+ yrs

Set includes enough material to build 95 maths and geometry models and can support 12 to 16 students working in teams of 3 or 4. Key concepts include: surface area and volume, congruence and similarity, fractions, decimals, money and percentages and more.

KN79028   920 pieces   **$262.95**

Kid K'NEX Counting and Early Maths Set

177 pieces

NEW

The set includes 177 parts, such as soft, chunky rods, connectors, eyes, and fun personality parts, featuring bright colours and made with premium-quality construction. It features four double-sided activity cards, that allow educators to guide children through STEM concepts like counting, estimating, subtraction, addition, and more! Suitable for grades pre-K through 2nd

KN79421   177 pieces   **$129.95**

Geoshapes School Pack

△	▢	⬠	⬡	📖
306	120	30	24	1

480 pieces

NEW

Comes in a sturdy plastic storage container.
Contains:
• 306 x triangles
• 120 x squares
• 30 x pentagons
• 24 x hexagons
• 1 x activity book

S3207   480 pieces   **$469.95**

Geoshapes Giant Playpack

280 pieces

NEW

△	▢	⬠
160	80	40

Supplied in a storage tub with instructions, this pack also includes:
• 160 x small equilateral triangles
• 80 x squares
• 40 x pentagons

S3206   280 pieces   **$279.95**

156 pieces

Includes 20 lesson plans

Learning Lab – Electricity & Circuit Kit

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

GG1236	20 Modules	$149.95
GG1236K	Set of 4	$557.95

SET OF 4
$557⁹⁵
SAVE $41.85

NEW

6 in 1 Solar Educational Robot Kit

This kit includes all the parts needed to construct up to six different projects. Choose between a robot, helicopter, plane, windmill, airboat or even a three wheeler! Don't worry about screws, everything snaps together for easy assembly and its all solar powered so no batteries are required. For the best results, use it in direct sunlight. For cloudy days use a 50W halogen light. Ages 10+ years

EL8936	$17.95

NEW

6 in 1 Solar Educational Kit

You can build any one of six different projects from the parts in this kit and then make them work by solar power. No tools, soldering or glue required. All the parts snap together with spring terminals for the wiring. The instructions are excellent with extremely clear and concise illustrations detailing every step. The finished projects are solar powered, but can also be powered by the light from a household 50W halogen light. Projects include: Windmill, Car, Dog, Plane, Airboat.

EL8939	$19.95

Sensory Materials Kit

RE6560K	$55.95

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).

1 **2** **3** **4**

~~$66.80~~
NOW ONLY
$55⁹⁵
SAVE $10.85

1. Solid Water Sensory Gel

3+ yrs

In just a few minutes, you can create a clear gelatine-like material that can be moulded into interesting shapes. 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.

RE6560	Each	$32.95

2. Slime Baff - Single Pack

Slime Baff is a powder that turns water into a gooey slime. When the fun is done simply turn the taps back on to dilute the slime. Randomly supplied in different colours.

SB01-1	Each	$9.95

3. Crackle Baff - Single Pack

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

CB5230-1	Each	$9.95

4. Gelli Baff - Single Pack

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.

GE5143-1	Each	$9.95

FREE freight on all orders over $99. Conditions apply, see website for details.

Quirkbot

Quirkbot | Year 7+

NEW 📱

Introducing STEAM in the classroom has never been easier or more fun! Strawbees are little pieces that connect to each other and to straws. This allows you to create different models and structures. By adding Quirkbot - a microcontroller you can program and construct into different shapes and forms - you can customise your model. Let your creations express themselves and interact with their environment through light, sound and motion. Connect Quirkbot to the software, change the behaviour of the components you want to program and press upload. Programming can be done completely in visual mode, or change to text-based programming for more advanced coding.

Programming Language/Software: Quirkbot Code via code.quirkbot.com
Compatibility: Devices with a USB port and Google Chrome Browser

Age Group
Year 7+

Why Quirkbot?

- Quirkbot lets you get creative with coding by using straws and other objects you already own. Fits perfect into STEAM classes!
- Quirkbot is easy to code. It's a creative, simple tool, open and web-based so students can share and experiment. Just drag & drop a few nodes, connect them and press upload — it's really that easy!
- Perfect for Makerspaces
- A great way to learn the basics of physical programming, electronics and mechanics
- Create your own personalised robotics creatures with Strawbees!

LED eyes — Off ←→ On — LED
Arms, legs & horn — LED mouth
QUIRKBOT FRONT — USB
BACK
Backpack connector
Rechargeable battery
SERVO BACKPACK
STRAWBEE
SERVO MOTOR

Strawbees - Straws

Did you run out of straws and need to add more to your Quirkbot creations?

IWA1350	350 pieces	$36.95

NEW

Strawbees Quirkbot Coding & Robotic Kit

Let's be creative with technology! Quirkbot is the perfect companion in the maker classroom. Connect Strawbees, motors, LEDs and sensors to the Quirkbot board to make your own robotics creatures! It's a fun and easy way to learn the basics of physical programming, electronics and mechanics, and encourages children to explore coding. Quirkbot is perfect for kids, grown-ups and educators.

IWA1001		$199.95

Each pack includes:

- 1x Quirkbot Board
- 1x Motor Backpack
- 1x Servo Motor 120°
- 1x Small strawbees pack
- 1x Electric Strawbee
- 1x Straws pack (50 straws)
- 1x Small screwdriver
- 1x Servo extension cable
- 3x Light Sensor
- 1x USB Cable
- 1x Intro Booklet
- 1x Sticker
- 1x LED 3mm RB
- 10x cut legs
- 6x Alligator clips

Cubetto | PS–Year 2

Cubetto is a playful wooden robot that helps young children (3+) discover programming through storytelling, adventure and collaboration. It's the first coding toy of its kind to work without a screen or digital interface, and lets children learn to code before they can read or write.

Programming Language/Software: The instruction blocks in combination with the interface board. Based on Arduino.

Age Group PS–Year 2

Why Cubetto?

- Coding without screens for students as young as ages 3 and up
- Montessori approved, LOGO Turtle inspired
- Expanded learning with the educational story books and accompanying maps
- Cubetto is cross-curricular! Students learn about coding, the solar system, Ancient Egypt, and much more while improving collaboration, spatial awareness, team work and storytelling
- Great for special needs students!
- Find lots more activities online for free

Cubetto - The Coding Robot

Cubetto will teach young students the basics of computer programming through adventure and hands-on play. Simply place the coding blocks on the control board to tell Cubetto where to go. Hit the blue button and Cubetto executes your first program. Each set includes: one Cubetto robot, one coding board, 16 coding blocks, 1x1m world map and story book. Cubetto requires 6AA batteries (not included).

CUB001	Each	$369.95
CUB001-5	Set of 5	$1,699.95
CUB001-10	Set of 10	$3,199.95

SET OF 10
$3,199⁹⁵
SAVE $499.55

Cubetto Logic Blocks & Book Kit

NEW

CUB005K $94.95

This kit includes 1x Logic Blocks (CUB005) and 1x Logic Blocks Book Pack (CUB005B).

~~$99.90~~
NOW ONLY
$94⁹⁵
SAVE $4.95

Cubetto Logic Blocks **NEW**

Give more instructions to Cubetto! The set of 12 Logic Blocks (4 of each) are adding the following functions to your coding fun with Cubetto:
- Black Random Block - Performs a random move each time
- Cream Negation Block - Performs the opposite of the next block
- Blue Function Block - Performs the sequence in the Function Line

The Logic Blocks book pack includes 4 Story Books, 32 Illustrated Flash Cards and a Sticker Sheet.

| 1. CUB005 | Set of 12 Blocks | $49.95 |
| 2. CUB005B | Book Pack | $49.95 |

Cubetto - Extra Blocks

This set consists of 16 additional instruction blocks to either replace missing blocks or expand your current set. The blocks are supplied in a handy storage bag.

| CUB002 | Set of 16 | $49.95 |

FREE freight on all orders over $99. Conditions apply, see website for details.

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Bloxels

Bloxels | Year 1–5

NEW **exclusive**

Create your own video games with hands-on creativity, while learning about design logic, computer science and coding. Bloxels brings STEAM into the classroom, by integrating design thinking processes with creative storytelling, art, history, science, mathematics, and much more. By learning about these topics through the games they create. Bloxels is a hands-on, brains-on, creativity and technology experience.

Programming Language/Software: Bloxels Builder app
Compatibility: iOS 9.X & up, Android OS 4.2+ & up, Kindle OS 4.2 & up. Only compatible with devices with rear-facing camera.

Age Group
Year 1–5
with extension to Year 8

BLOXELS.
BUILD YOUR OWN VIDEO GAMES

Why Bloxels?

• Create maximum student engagement by letting them do something they love - creating computer games - and combine it with creating a deep understanding of coding, design logic and computer science
• Players are challenged to put down their screens and think strategically in the physical world before transitioning their game to digital
• Create and manage student accounts, save work and track progress for easy classroom management
• Product support, lesson plans and activities, challenges and rewards, a video library covering Bloxels in the classroom will give you all the support
• With activities which can be scaled, Bloxels is appropriate for all grades. Plus it encourages collaboration and critical thinking!
• The ultimate STEAM tool by using technology, art, storytelling, spatial awareness, and design

Create your own video games!

How does it work?

Step 1	Step 2	Step 3	Step 4	Step 5
Imagine	**Build**	**Capture**	**Customise**	**Play**
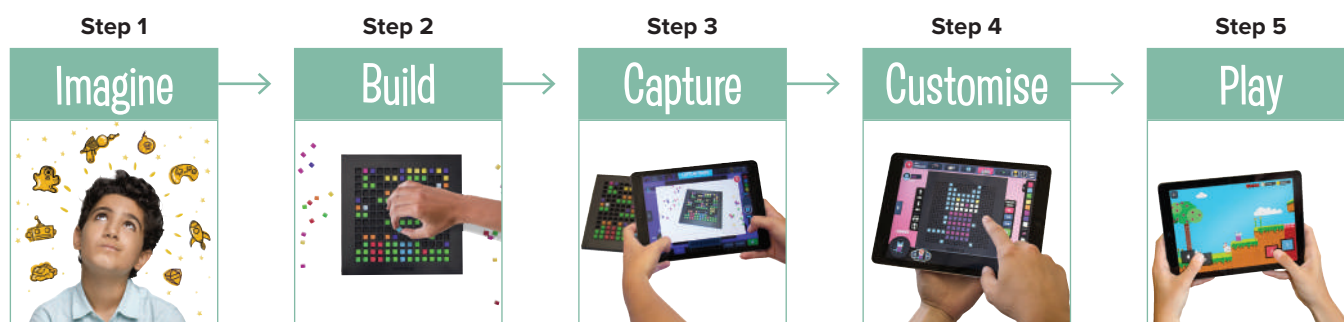
20 PACK
$1,299⁹⁵
SAVE $299.85

NEW

Bloxels Team Builder

Each set consists of 5 game boards, 2000 blocks (400 per board across 8 colours), 1 EDU handbook, and 5 strategy guides. Each colour of the blocks has its own function to create captivating stories-turned-into-video games!

BX63103	5 pack	$399.95
BX63103-10	10 pack	$769.95
BX63103-15	15 pack	$999.95
BX63103-20	20 pack	$1,299.95

Build students' confidence to ask questions and solve problems

WeDo 2.0 Curriculum Solution ▶

LEG45300 **$279.95** | 1-2 👥 | 280 |

This set is based upon the latest science standards and was created to enhance students' curiosity and science skills. The set includes a Smarthub, a Medium Motor, Motion Sensor a Tilt Sensor and enough building elements for two students. The 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.

Solution includes

• WeDo 2.0 Core Set — 1

• WeDo 2.0 Software & Curriculum Pack — 25 | 45 | ⬇ | www

• WeDo 2.0 eLearning — www

• WeDo 2.0 Curriculum, including Life Science, Engineering, Physical Sciences, Earth and Space Science and new Computational Thinking projects

A captivating science teaching solution

What's included in the Curriculum Solution?

Core Set ✔

Containing the LEGO® bricks and technology elements needed to make elementary students motivated and make science projects come to life.

Curriculum content ✔
Real life projects based on national standards to develop students practices within science, including engineering, technology and computing.*

Teaching software ✔
Intuitive software including integrated curriculum content, easy drag and drop programming and teachers guide.*

Assessment tools ✔
Project integrated assessment grids and rubrics for both teacher and student led assessment.*

eLearning program ✔
Five eLearning modules to give full teaching support from implementation to activation.*

Technical support ✔
Ongoing telephone and online support to help you with any questions.

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

+

What can I add on?

Complementary products ✔
Rechargeable power add-on solution for easy battery management is available to supplement the WeDo 2.0 solution.

Training and professional development ✔
Check our Professional Learning calendar on **teaching.com.au** to find training near you.

Replacement Packs ✔
The ideal way to replace key LEGO elements for the WeDo 2.0 sets.

*Available for free download from **LEGOeducation.com.au/downloads**

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LEGO® Education WeDo 2.0

LEGO education

Classroom Solutions
WeDo 2.0 Curriculum Solution Packs

		WeDo 2.0 Curriculum Solution LEG45300	WeDo 2.0 Add-On Power Pack LEG54838	MTA Storage System Single SUN8316 exclusive 3rd party product	MTA Storage System Double SUN8326 exclusive 3rd party product
LEG45300-2K 4 students	$538.95 SAVE $20.95	2			
LEG45300-2KP 4 students	$829.95 SAVE $41.75	2	2		
LEG45300-3K 6 students	$808.95 SAVE $30.90	3			
LEG45300-3KP 6 students	$1,229.95 SAVE $77.60	3	3		
LEG45300-5K 10 students	$1,325.95 SAVE $73.80	5			
LEG45300-5KP 10 students	$1,999.95 SAVE $179.30	5	5		
LEG45300-5KS 10 students	$1,449.95 SAVE $99.75	5		1	
LEG45300-5KPS 10 students	$2,149.95 SAVE $179.25	5	5	1	
LEG45300-8K 16 students	$2,079.95 SAVE $159.65	8			
LEG45300-8KP 16 students	$3,199.95 SAVE $286.85	8	8		
LEG45300-8KS 16 students	$2,233.95 SAVE $225.60	8			1
LEG45300-8KPS 16 students	$3,319.95 SAVE $386.80	8	8		1
LEG45300-12K 24 students	$3,099.95 SAVE $259.45	12			
LEG45300-12KP 24 students	$4,699.95 SAVE $530.25	12	12		

Check online for more LEGO Education WeDo 2.0 packs which include the multicharger WLMC01

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LEGO education

Everything educators need to achieve their teaching goals

Save with classroom solutions

LEGO® MINDSTORMS® Education EV3 Curriculum Solution

LEG45544-1 **$659.95**   1-3 👥   541   🗑

This set contains everything you need to start teaching STEM and computer science using the exciting LEGO MINDSTORMS concept. It offers full teacher support, including STEM and computing teaching materials, and a comprehensive eLearning program.

The system includes the Intelligent EV3 Brick, a compact and powerful programmable computer that makes it possible to control motors and collect sensor feedback using the intuitive icon-based programming and data logging software that is delivered with the set.

The set is delivered in a sturdy storage bin with a sorting tray, three Servo Motors, five Sensors (Gyro, Ultrasonic, Colour and 2x Touch), a Rechargeable Battery, connecting cables and Building Instructions. Battery charger (LEG8887) is required and sold separately.

Solution includes

• LEGO MINDSTORMS Education EV3 Core Set		1
• EV3 Lab and EV3 Programming	⬇	www
• EV3 Design Engineering Projects Curriculum	📖 15	⏱ 45-180	www
• EV3 Coding Activities	📖 9	⏱ 60-135	www
• EV3 eLearning		www
• EV3 Maker Activities	📖 8	⏱ 90-120	www

How to get ahead in STEM learning

The LEGO MINDSTORMS Education EV3 motivates students to design, build and program robots using motors, sensors, gears, wheels, axles and other technical components, to gain a better understanding of how technology works in real-world applications.

The solution enables students to understand and interpret two-dimensional drawings to create three-dimensional models; build, test, troubleshoot and revise designs; apply maths and science concepts on real-life applications; and master programming and data logging functions.

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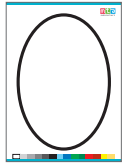
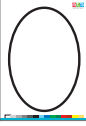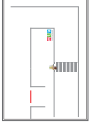🚚 **FREE freight on all orders over $99.** Conditions apply, see website for details.

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LEGO education

Coding & Programming

Classroom Solutions

EV3 Curriculum Solution Packs

		LEGO Education EV3 Curriculum Solution LEG45544-1	Battery Charger LEG8887	Robotics Training Mat ROB014 (exclusive 3rd party product)	MTA Storage System Double SUN8327 (exclusive 3rd party product)
LEG45544-1K 2-3 students	**$699.95** SAVE $19.95	1	1		
LEG45544-4 8 students	**$2,796.95** SAVE $187.60	4	4	1	
LEG45544-4S 8 students	**$2,999.95** SAVE $224.45	4	4	1	1
LEG45544-5 10 students	**$3,496.95** SAVE $207.50	5	5	1	
LEG45544-5S 10 students	**$3,652.95** SAVE $291.35	5	5	1	1
LEG45544-6 12 students	**$4,185.95** SAVE $238.40	6	6	1	
LEG45544-6S 12 students	**$4,342.95** SAVE $321.25	6	6	1	1

Classroom Solutions

EV3 Curriculum Solution Packs

		LEGO® Education EV3 Curriculum Solution LEG45544-1	Battery Multi-Charger WLMC01 (exclusive 3rd party product)	Robotics Training Mat ROB014 (exclusive 3rd party product)	Robotics Challenge Mat ROB15 (exclusive 3rd party product)	MTA Storage System Double SUN8327 (exclusive 3rd party product)	MTA Storage System Triple SUN8337 (exclusive 3rd party product)
LEG45544-8 16 students	**$5,362.95** SAVE $341.55	8	1	1			
LEG45544-8S 16 students	**$5,570.95** SAVE $443.35	8	1	1			1
LEG45544-10 20 students	**$6,499.95** SAVE $524.45	10	1		1		
LEG45544-10S 20 students	**$7,011.95** SAVE $492.15	10	1		1	2	
LEG45544-12 24 students	**$7,925.95** SAVE $738.30	12	2		1		
LEG45544-12S 24 students	**$8,239.95** SAVE $904.00	12	2		1	2	
LEG45544-15 30 students	**$9,599.95** SAVE $1,044.15	15	2		1		
LEG45544-15S 30 students	**$9,999.95** SAVE $1,263.75	15	2		1		2

mBot | Year 3–8

mBot is an all-in-one solution to enjoy the hands-on experience of programming, electronics, and robotics. Working with mBlock inspired by Scratch 2.0, connecting with computers or smart devices via Bluetooth or 2.4G (different versions), this easy-to-assemble mBot provides infinite possibilities for you to learn STEM.

**Programming Language/Software:** mBlock, Scratch 2.0, Arduino, Java
Compatibility: Bluetooth version: iOS 7 or above, Android™2.3 or above - 2.4G version: PC or Mac

Age Group
Year 3–8

Why mBot?

- mBot combines engineering with coding, with limitless extension possibilities: add different electronic modules (see page 35) to the 4 extension interfaces adjust your model to your needs
- Supports a wide range of learners, from beginners with graphical programming software to advanced with Arduino in C language
- Compatible with the Makeblock platform and LEGO blocks
- Free teaching materials available

BLUETOOTH
VERSION SET OF 10
**$1,250⁰⁰**
SAVE $449.50
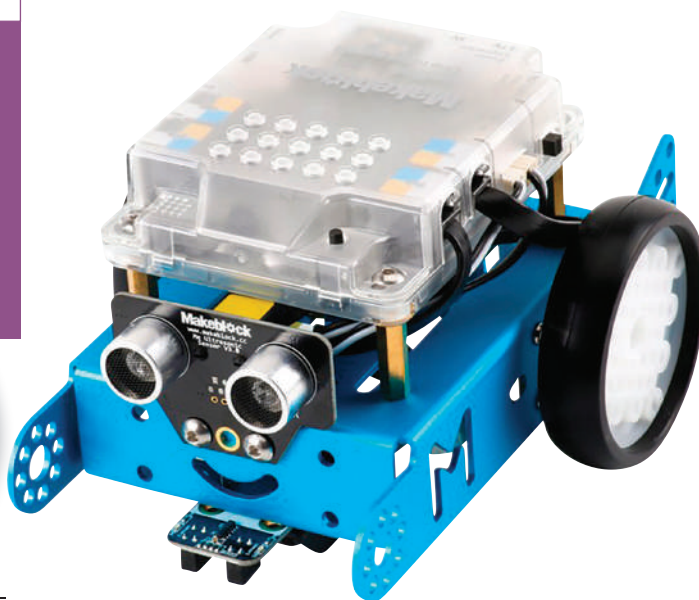
Makeblock mBot V1.1

mBot is available in Bluetooth version or 2.4G version and comes with various basic pre-assembled options, including obstacle-avoidance car, line-following vehicle, remote control car, and can be used in multiple games.

|		
MB90053	Bluetooth Version – Each	$129.95
MB90053-5	Bluetooth Version – Set of 5	$645.00
MB90053-10	Bluetooth Version – Set of 10	$1,250.00
MB90058	2.4G Version – Each	$139.95
MB90058-5	2.4G Version – Set of 5	$690.00
MB90058-10	2.4G Version – Set of 10	$1,350.00

Key Features:

- Electronic parts are based on the Arduino open source ecosystem
- Input: Light sensor, button, infrared receiver, ultrasonic sensor, line follower
- Output: Buzzer, RGB LED, infrared emitting, two motors, 4 ports
- mCore programming board with four colour-labelled RJ25 connectors for easy wiring and expansion with more Arduino sensors
- Infinite extensibility, using any mechanical parts and electronic modules
- Change from Bluetooth to 2.4G or vice versa by adding the 2.4G Wireless serial (MB13030) or the Bluetooth Module (MB13035), sold separately.
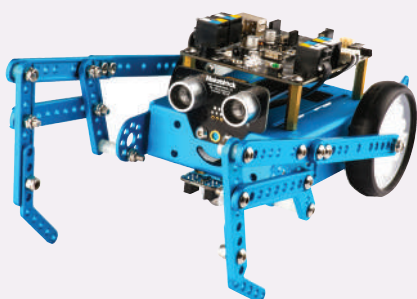
Six-Legged Robot - mBot Add-on Pack

This add-on pack for MakeBlock's mBot includes a selection of beams and screws to turn mBot in a 6-legged robot. Please note: mBot (MB90053/MB90058) is not included and sold separately. mBot is required for the use of this 6-legged add-on pack.

MB98050	Pack	$29.95
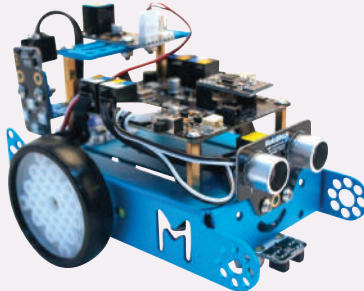
Servo Pack - mBot Add-on Pack

mBot servo pack is a 3-in-1 add-on pack for mBot. You can construct the 'Dancing Cat', 'Head-Shaking Cat' and 'Light-Emitting Cat' with the components in the pack and mBot (MB90053/MB90058, not included and sold separately).

MB98052	Pack	$49.95

mBot Bluetooth & 2.4G Modules

Change your bluetooth mBot to a 2.4G version or vice versa with these add-on modules. Do you have a bluetooth mBot (MB90058), add the 2.4G wireless Serial (MB13030) to connect to PCs and laptops. If you have the 2.4G mBot (MB90053), add the bluetooth module (MB13035) to wirelessly connect your robot to your tablet or computer.

MB13035	Bluetooth Module	$19.95
MB13030	2.4G Wireless Serial	$29.95

FREE freight on all orders over $99. Conditions apply, see website for details.

Makeblock - mBot Ranger

mBot Ranger | Year 3–10

mBot Ranger Robot Kit is a three-in-one STEM educational robot kit, which supports 3 building forms: robot tank, three-wheel racing car, and a self-balance car. Program & Control mBot Ranger via iPad, tablets, or laptop to start your exploration! Fine ready-to-use projects built-in the Makeblock HD app for immediate fun and play. mBot Ranger is fully compatible with mBlock to program on your PC or program from your iPad and tablets with an easy-to-use app – Makeblock HD.

Programming Language/Software: mBlock, Makeblock HD, Scratch 2.0, Arduino, Java
Compatibility: Apple tablets: iOS 7.0 or later - Apple smartphone: iOS 8.0 or later - Android tablets/phones: Android 3.0 or later

Age Group
Year 3–10

Why mBot Ranger?

- With 10 extension interfaces, mBot Ranger allows you to add more electronic modules at the time for more complex robots
- mBot Ranger is super versatile, with 3 building models, or combine the pieces in any way you like to create your own
- From graphical programming to Arduino in C language coding, you master programming from basic to advanced level
- Compatible with the Makeblock platform and LEGO bricks
- The transformable robot allows for trial and error, improvements of the model, learning by doing and problem solving skills
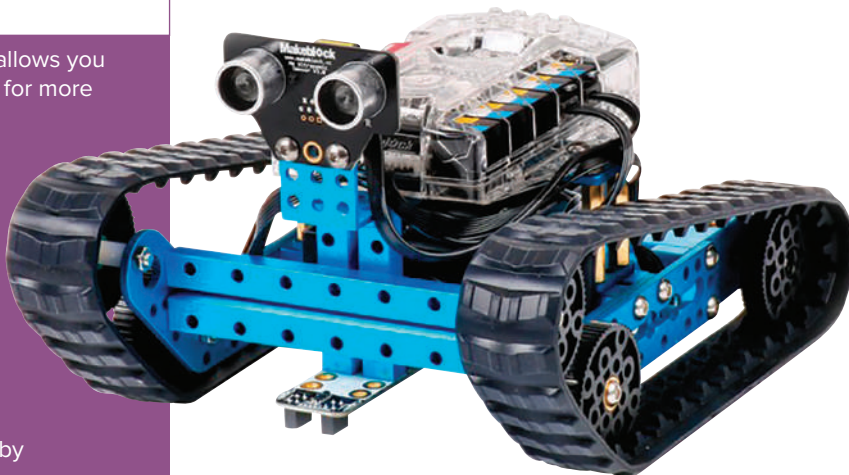
Makeblock - mBot Ranger - STEM Robot

The mBot Ranger comes with the Me Auriga mainboard based on open-source Arduino Mega 2560. It provides not only 6 on-board sensors, but also 10 extension ports that enables you to add more motors and sensors when needed.

MB90092	Each	$299.95
MB90092-5	Set of 5	$1,475.00
MB90092-10	Set of 10	$2,900.00

SET OF 10
$2,900.00
SAVE $399.50

Key Features:

- Input: 6 x sensors: Light sensor, ultrasonic sensor, line follower, gyroscope, temp sensor, and sound sensor
- Output: buzzer, 12 LED lights, 2 motors
- Me Auriga main board with 10 ports, supporting DC motors, stepper motors, servo motors, smart servos, encoder motors, etc. (4 ports supporting up to 3.5A output, 6 ports supporting 5V 2.4A output)
- Compatible with Arduino Ide and RJ25 ports
- Supports Bluetooth and Bluetooth upgrade firmware

Makeblock Neuron | Year 3–8

NEW

Makeblock Neuron is an electronic building block platform for STEM education. It a variety of blocks with different functions (energy & communication, control, input and output), so creators can build a variety of innovative gadgets. Students snap different blocks together, connect them to the software, and add accessories. The intuitive flow-based programming enables students of all levels to let their creations come to life!

Programming Language/Software: Neuron App and mBlock
Compatibility: iPads and Android tablets with the Neuron App, macOS and Windows with mBlock

Age Group
Year 3–8

Why Neuron?

- Simple & durable - blocks are connected in a magnetic snap for a quick assembly
- A range of unique blocks to build more creative gadgets
- No coding experience required, simple flow based programming
- Magnetic blocks to demonstrate on whiteboards
- Use Neuron with or without software, in online or offline mode
- The ultimate STEAM tool, simply add art & craft materials and start creating and inventing!
- All blocks can be compatible with the mechanical parts of Makeblock and LEGO bricks

NEW

SET OF 10
$1,699⁹⁵
SAVE $99.55

Simple & Durable
Pogo Pin

Makeblock Neuron Inventor Kit

The Makeblock Neuron kit contains blocks which all have a different function, including a power, dual servo driver, buzzer, gyro, LED Panel, funny touch and Bluetooth block. Also included are the Neuron Board, a USB cable and a paper matrix. Each set also comes with several ideas cards to get you started. The blocks snap together with pogo pins. Easy, rigid and reliable. You can use the blocks either offline, or in online mode in combination with the Neuron app.

MB3001	Each	$179.95
MB3001-5	Set of 5	$869.95
MB3001-10	Set of 10	$1,699.95

FREE freight on all orders over $99. Conditions apply, see website for details.

mta   25

SAM Labs | Year 3–8

NEW **exclusive**

SAM Labs makes smart construction kits of clever little blocks and a fun app that give everyone the power of technology to build inventions. SAM Labs is a combination of hardware blocks and software blocks, and offers students the ability to build and program their own inventions while learning the key aspects of STEAM. Simply download the app, connect your hardware blocks with the SAM Space app, and make connections between the blocks in the app. It's that simple!

Programming Language/Software: The SAM Space app, JavaScript block included
Compatibility: iOS 8 (Beta) , OS 10.9+, Windows 8.1+, internet connected. Blocks link wirelessly via Bluetooth

Age Group
Year 3–8

Why SAM Labs?

- Bring STEAM into the classroom with endless possibilities, combinations and inventions
- Wireless blocks means no wires, easy building and more freedom to create and invent
- Use the SAM Space app to add custom features to your projects, to control your computer with SAM blocks, or connect to other external platforms
- Get access to a wealth of DIY projects, games, gadgets, tutorials and much more
- LEGO compatible to extend your models

One Block.
A Million Inventions.
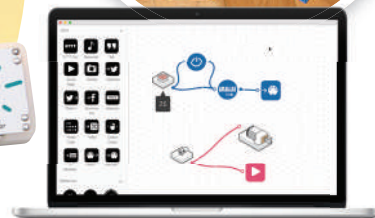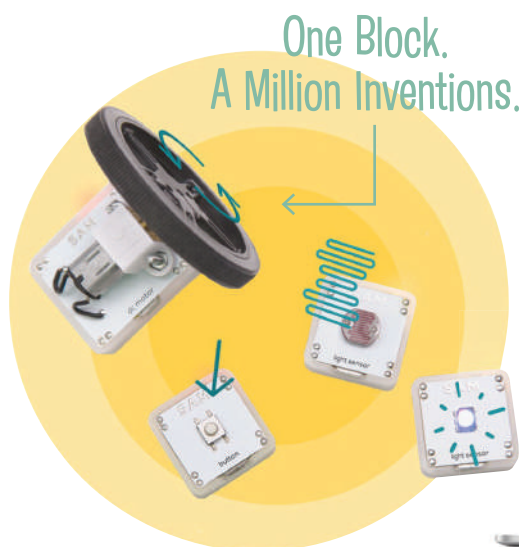
Wireless Hardware Blocks

SAM Labs consists of wireless blocks with different functions (input such as sliders, buttons, temperature sensors, or output, such as a buzzer, DC Motor, or Servo motor), which are combined with each other and with over 40 software blocks, found in the SAM Space Education app.

Software Blocks

With the 40+ software blocks, you can customise the behaviour of the hardware blocks - for example change the colour of the light, or create a melody for a buzzer.

NEW **exclusive**

SAM's Curious Cars Kit

Discover logic gates, choose the speed, control mechanism, direction and more with the SAM's Curious Cars kit. Program your SAM racer to roll any way you wish using the SAM Space app.
- 6 rechargeable wireless SAM hardware Blocks
- 1 Car body and controller
- 5 Car designs
- LEGO brick connector for easy integration

SL002	$299.95

SAM's STEAM Kit

The SAM's STEAM kit is the ultimate classroom solution to invent, create and be creative with STEAM, while learning about coding.
Included:
- 17 rechargeable wireless SAM hardware blocks with additional accessories
- 40+ SAM software blocks
- SAM Space app tailored for educators
- Easy integration with LEGO®
- Curriculum-based STEAM projects on data capture, programming logic & so much more
- Hands-on educator support

SL001   **$799.95**

SAM's Inventor Kit

With 4 wireless SAM Blocks and 5 step-by-step projects you'll master Morse code, make electronic music, protect possessions with an alarm, bring sound to your sketches, and find your groove with a mini-drum machine. Includes 4 rechargeable SAM blocks.

SL003   **$229.95**

FREE freight on all orders over $99. Conditions apply, see website for details.

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littleBits

littleBits | Year 3–8

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.

Age Group
Year 3–8

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

Why littleBits?

- Platform of easy to use electronic building blocks empowering everyone to create inventions, large and small
- Gender neutral product allowing kids to solve real-world problems
- Bit has a unique function, such as light, sound, sensors or motors, which can be combined with other Bits to form a system.
- No soldering or wiring required – easy to use straight out of the box.

NEW

littleBits Rule Your Room Kit

Transform any boring old object into an awesome, interactive invention. Create games from scratch and defend your domain from intruders – all with the power of electronics and the stuff you own. The kit includes 7 Bits (including the Makey Makey Bit!) and 19 accessories to build 8 inventions, and much more to be found online!

LIB689   **$199.95**
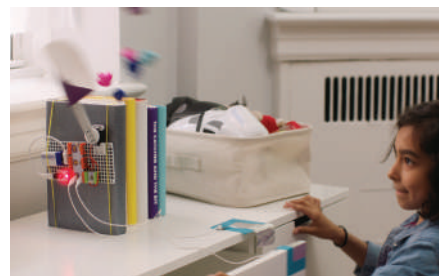
littleBits Makey Makey Module

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.

LIB846   **$99.95**
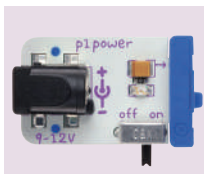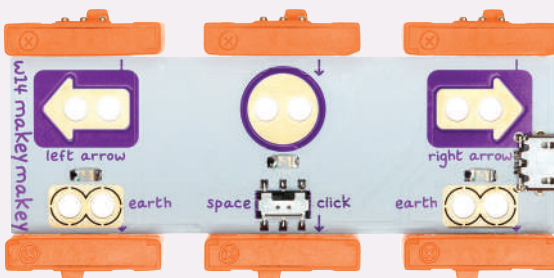
littleBits Power Module	littleBits Long LED Module	littleBits DC Motor Module	littleBits Slide Switch Module	littleBits Wire Module	littleBits 9V Battery & Cable
LIB101 $15.95	LIB202 $26.95	LB205 $45.95	LIB301 $26.95	LIB401 $26.95	LIB512 $10.95
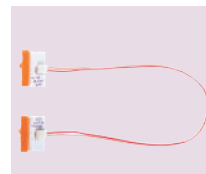
NEW

littleBits Code Education Kit

An intro to coding in the classroom that engages students through an activity they love: making and playing games. The littleBits Code Kit combines electronic building blocks with approachable drag-and-drop block-based programming, providing a foundation of coding as a creative tool that can power real-world inventions. The kit includes 16 Bits, 30+ accessories, tons of resources and a computer-based Code Kit app, 100+ activities and 10 lessons.

LIB010   **$549.95**

Bring STEAM learning to the classroom

littleBits STEAM Student Set

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.

LIB847   **$499.95**

Bluetooth enabled!

littleBits Gizmos & Gadgets Kit

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 step-by-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!

LIB680   **$429.95**

FREE freight on all orders over $99. Conditions apply, see website for details.

Circuit Scribe

Circuit Scribe | Year 3+

Let your creativity merge with science as you build exciting circuits using our Circuit Scribe Kit's conductive ink pen, magnetic modules, and plain old printer paper. By placing the paper over a steel sheet, included in every kit, your paper become the base for blinking lights, beeping buzzers, and whirling motors. Everything you need to create dynamic and fun paper circuits. Find the exact contents of each kit on our website.

Age Group Year 3+

Why Circuit Scribe?

- Draw circuits instantly with a conductive ink pen that dries instantly
- Build simple circuits or complicated devices from basic switches to your own pen on paper machines
- Educator friendly kits teach circuitry concepts from current flow to digital logic
- User your skills to make anything from interactive art to interactive paper devices while having fun

Circuit Scribe Ultimate Kit - 16 Modules & 10 Connecting Cables

Everything you need to create dynamic and fun paper circuits. The kit features 10 magnetic connection cables let you hook up your paper circuits to programmable platforms like Arduino (not included). The kit includes everything from our Maker Kit plus extra LEDs, two DPDT switches, and a motor (see our website for full list). With the Ultimate Kit, you can make complex, robust circuits.
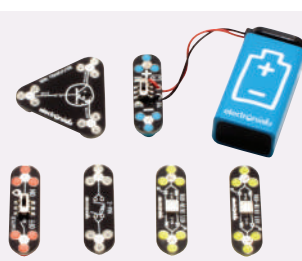
CSR003   **$179.95**

Circuit Scribe Maker Kit - 11 Modules

The Maker Kit contains a pen, eleven modules, a 9V Battery and other accessories. This kit allows you to explore your understanding of inputs, outputs, and signal processing in your circuits. Additional topics to explore include light sensing, timed circuits, piezoelectric materials, and more.

CSR002   **$139.95**

Circuit Scribe Basic Kit - 6 Modules

The Basic Kit contains a Circuit Scribe pen, six modules, a 9V Battery and other accessories (see our website for full list).

CSR001   **$84.95**

Circuit Scribe Refill Pack - 5 Conductive Ink Pens

Replace an empty pen from your kit, or use the pen with your own electrical components. Use it on any surface a rollerball pen will write on.

CSR005   **$169.95**

Makey Makey | Year 3+

Makey Makey is the ultimate STEAM invention kit which works through opening and closing circuits. Turn everyday objects into touchpads and combine them with the internet. Connect the circuit board via alligator clips to anything and everything that conducts electricity, to create a circuit. Connect the circuit board to your laptop or PC and let the connected conductive materials take over your computer!

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

Age Group
Year 3+

Why Makey Makey?

- No software or prior programming knowledge required. Just plug, clip, play, invent. Works with Mac and Windows
- Connect the world around you to your computer! Setup takes just seconds.
- 1000s of possibilities! Find endless lesson plan ideas, project ideas and inspiration online
- Works with any material that can conduct at least a tiny bit of electricity
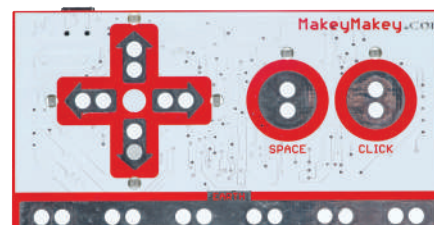
Turn anything into a keyboard!

Makey Makey Classic

Each kit includes the Makey Makey Board, USB Cable, 7 Alligator Clips, 6 Connector Wires, Instructions with Visual Project Start Guide, Online Documentation, and 20 Colour Stickers. Connects via USB (Not compatible with iPads or tablets).

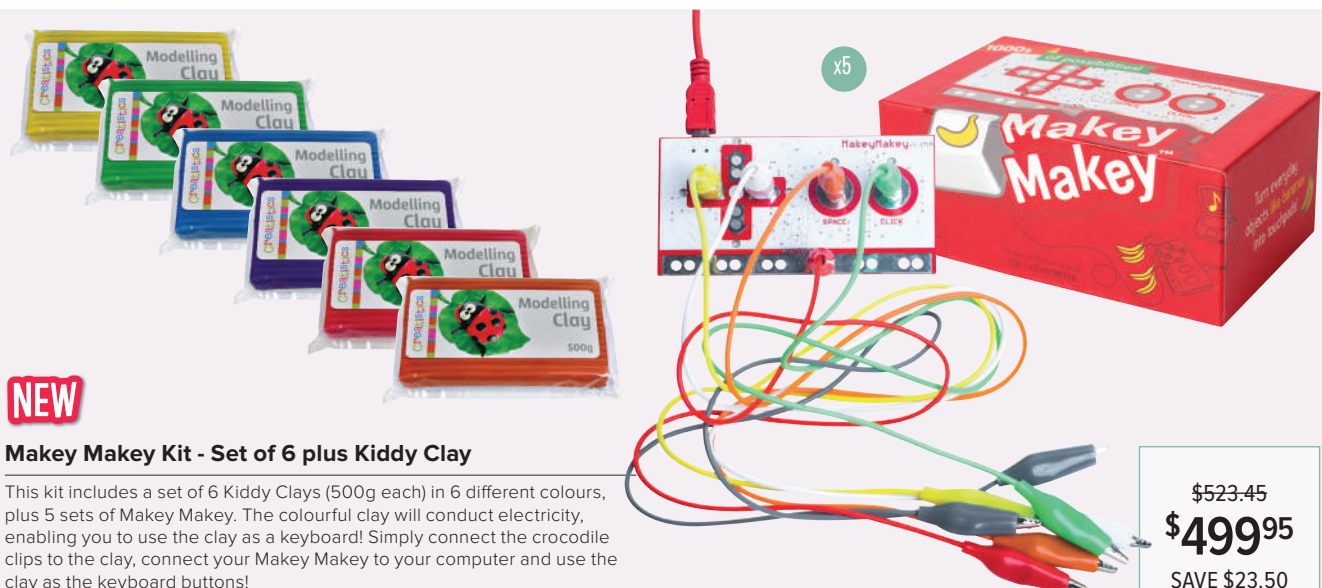|		
MKK001	Each	$99.95
MKK001-5	Set of 5	$484.95
MKK001-10	Set of 10	$894.95

SET OF 10
$894⁹⁵
SAVE $104.55

Turn banana into piano keys with Makey Makey!

FREE freight on all orders over $99. Conditions apply, see website for details.

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Makey Makey

NEW

Makey Makey Kit - Set of 6 plus Kiddy Clay

This kit includes a set of 6 Kiddy Clays (500g each) in 6 different colours, plus 5 sets of Makey Makey. The colourful clay will conduct electricity, enabling you to use the clay as a keyboard! Simply connect the crocodile clips to the clay, connect your Makey Makey to your computer and use the clay as the keyboard buttons!

~~$523.45~~
$499.95
SAVE $23.50

MKK001K		$499.95

~~$669.70~~
$619.95
SAVE $49.75

NEW

Makey Makey & Circuit Scribe Kit

This kit includes 5 sets of Makey Makey (MKK001) and a set of 5 Circuit Scribe Conductive Ink pens (CSR005). Use the conductive ink pens to combine art and craft with circuits. Simply draw your creation with conductive ink, connect the crocodile clips to your drawings and when you press on the drawing, your computer will perform whatever you told it to do! Creativity without limits!

CSR001K		$619.95

Makey Makey GO

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.

SET OF 10
$431.95
SAVE $67.55

MKK002	Each	$49.95
MKK002-5	Set of 5	$248.95
MKK002-10	Set of 10	$431.95

NEW
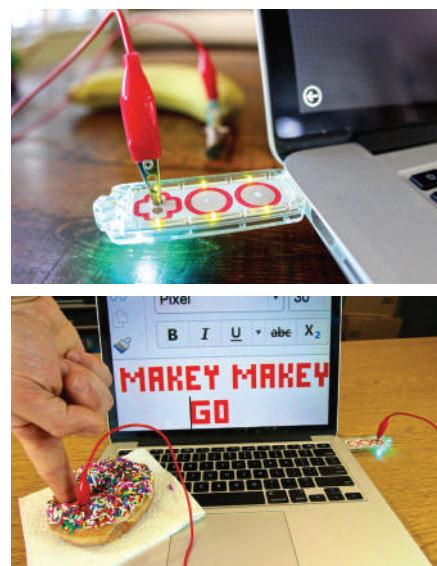
3D Printers | Year 3+

Become your own manufacturer and create 3D objects with ease. XYZ 3D printers come with XYZware which is software for designing, customising and pricing digital 3D models. 3D printers are the futures for STEM related core lessons.

Programming Language/Software: XYZware (file types: .stl and XYZ format .3w)
Compatibility: Windows 7 and above, Mac OSX 10.8 and above (64-bit)

Age Group
Year 3+

Why XYZ 3D Printers?

- XYZ 3D printers are safe to use with the enclosed printing area, easy to use and durable for classroom use
- Print with any 3rd party filament
- Ideal for STEAM lessons and Makerspaces
- 3D printing allows for exploration of objects that might not be readily available in the classroom
- It improves design skills and production processes
- 3D printing allows students to analyse a prototype they have built

Da Vinci JNR 1.0 Pro Printer - XYZ Printing

The Da Vinci JNR 1.0 Pro can now be used with 3rd party filaments! The da Vinci Jr. 1.0 Pro uses an intuitive 9-point calibration detection system that accurately determines the distance between the extruder and the print bed. It has an increased maximum printing speed of 100mm/sec., decreasing the time you have to wait for your prints to be finished. With adjustable software settings, you can change the nozzle and print bed temperature, speed, print support and retraction settings.

MTT0173PRO   **$899.95**
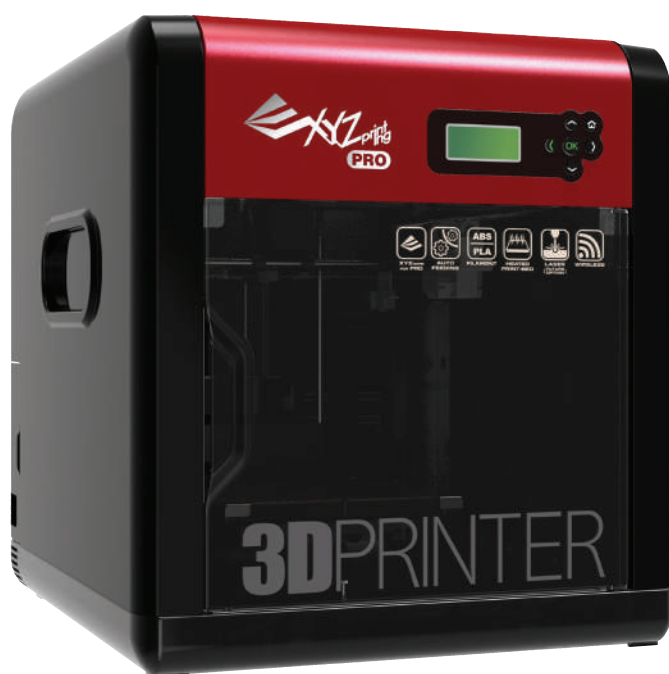
Key Features:

- Adjustable temperature settings for the extruder nozzle
- Print with any 3rd Party Filament
- Auto-calibration System and auto-loading filament system
- Maximum Build Volume is 15x15x15cm
- Filament Material: PLA
- Connectivity USB 2.0, SD card

NEW

Now compatible with 3rd party filaments

Da Vinci 1.0 PRO WiFi Printer - XYZ Printing

The Da Vinci 1.0 PRO WIFI allows you to adjust the temperature settings for the extruder nozzle and aluminium print bed which makes it compatible with third-party 1.75mm filaments. This 3D printer is the most versatile of its kind, providing different types of finishing quality. The da Vinci Pro comes bundled with software that enables you to adjust multiple settings, such as speed, print support, and retraction.

MTT0173WIFI   **$1,399.95**

WiFi connectivity

Key Features:

- Adjustable temperature settings the extruder nozzle
- Print with any 3rd Party Filament
- Filament Material: ABS and PLA
- WiFi connectivity
- Adjust settings for speed, print support and retraction
- Aluminium print bed
- Maximum Build Volume is 20x20x20cm
- Frustration-free calibration

NEW

Replacement Cartridge only for Da Vinci PRO 1.0

This replacement cartridge is needed when you have lost your original catridge. The cartridge is needed to add filaments to the Da Vinci JNR 1.0 PRO or the Da Vinci 1.0 PRO WIFI. Please note, this is the cartridge only and does not include the filament.
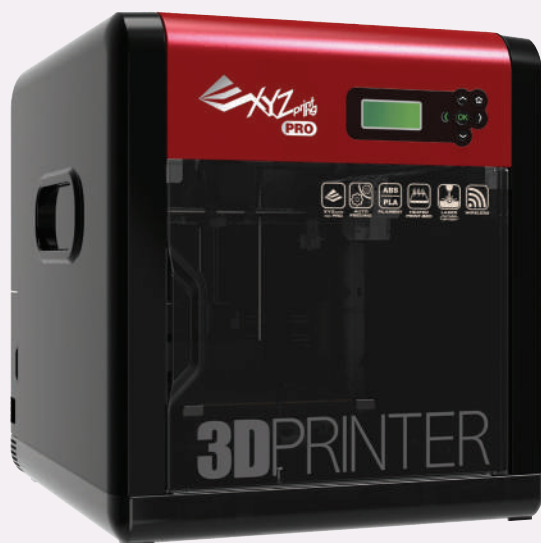
MTT0173CART   **$29.95**

No further discounts or promotions apply

FREE freight on all orders over $99. Conditions apply, see website for details.

33

Da Vinci

~~$4,819.45~~
$4,789⁹⁵
SAVE $29.50

x3

Ideal for Makerspaces

x2

NEW

XYZ 3D Printing Classroom Solution

This kit is the ultimate classroom solution and is perfect for Makerspaces. This kit includes 1 Da Vinci 1.0 PRO WiFi Printer (MTT0173WIFI), 3 Da Vinci JNR 1.0 Pro Printers (MTT0173PRO), 1 Handheld 3D Scanner PRO (MTT0173SC), 2 Replacement Cartridges (MTT0173CART) and 4 PLA filaments (colours may vary). The replacement cartridges allow you to refill the printers with third party filaments of your choice!

MTT0173KIT1	**$4,789.95**

Key Features:

- Maximum scan volume (full body) reaches 100(D) x 100(W) x 200(H)cm
- Head Mode: 40 x 25 x 40cm
- Object Mode: 60 x 60 x 30cm
- Fast in both scanning ability and processing speed
- Scan Resolution 1.0 ~2.5mm

NEW

Full body scanning mode now available!

Handheld 3D Scanner PRO - XYZ Printing

Enjoy full body scanning with the XYZprinting 3D Scanner. This full body scanner is powered by Intel® RealSense. It has three scanning modes : head, object, and full Body. These modes ensure that you get the best results when scanning to make 3D portraits or replicating objects. It allows for a wide scanning distance, great accuracy and reliability.

MTT0173SC	**$399.95**

Filaments

Create colourful projects with a wide range of coloured filaments. The Da Vinci JNR 1.0 PRO and 1.0 PRO WIFI can be used with both PLA and ABS filaments. Wach filament is 600 gram. Ventilation is required when using ABS. Please note, these filaments don't include a cartridge. You can reuse the original cardridge that came with the 3D printer, or if you have misplaced this, please also order the replacement cartridge (MTT0173CART).

Each	**$64.95**

DaVinci PLA Filament for 1.0 PRO WiFi & JNR 1.0 Pro

	MTT0173B	Black
	MTT0173CG	Clear Green
	MTT0173CY	Clear Yellow
	MTT0173N	Nature
	MTT0173-PB	Blue
	MTT0173-PR	Red
	MTT0173-PW	White

DaVinci ABS Filament for 1.0 PRO WiFi & JNR 1.0 Pro

	MTT0173ABK	Black
	MTT0173ASW	Snow White
	MTT0173AGP	Grape Purple
	MTT0173ABG	Bottle Green
	MTT0173ACY	Cyber Yellow
	MTT0173ANY	Neon Yellow
	MTT0173AYW	Yellow
	MTT0173ASO	Sun Orange
	MTT0173ARD	Red
	MTT0173-AG	Green
	MTT0173-ANG	Neon Green
	MTT0173-AN	Nature
	MTT0173-APU	Purpurin
	MTT0173-AB	Blue

No further discounts or promotions apply

SUPER BUY

NEW

STEAM Art & Craft Value Pack

This art & craft construction value pack includes a huge selection of components to create STEAM activities. Kit contents may vary. A full list of components is available online.

AM4102K	Kit	$149.95

STEAM Kit Colour Exploration

Students will enjoy learning about the principles of colour through hands-on Science, Technology, Engineering and Maths incorporated activities in this kit. Kit includes an educator's lesson guide. Components may vary. A full list of kit components is available online.

AM4100	Kit	$199.95

Lakeshore LEARNING MATERIALS

Design & Play STEAM Kit

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.

Each set includes 10 vehicles!

LS570K	Kit	$152.95
LS571	Cars	$62.95
LS572	Boats	$49.95
LS573	Planes	$49.95

FREE freight on all orders over $99. Conditions apply, see website for details.

Colour & Craft

STEAM Kit – Science of Light & Colour

This STEAM kit contains a complete range of essential art and craft products, plus an educator's lesson guide with ideas for teaching concepts of light and colour. Kit contents may vary. A full list of kit components is available online.

AM4101	Kit	$259.95

SUPER BUY

~~$278.25~~
NOW ONLY
$259**95**
SAVE $18.30

Sunpaper Kit – UV Reacting Paper

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.

TH891		$39.95

Magic Black Light Torch

Use this super-bright hand-held black light torch for UV and glow STEM experiments or dark den settings. The magic black light shines invisible ultraviolet (UV) light which makes fluoro colours glow brightly and energises glow in the dark items so they glow brighter for longer. Torch comes with a bonus sample pack of fluoro modelling foam and 2 sets of joggle eyes, so you can make glow in the dark characters. 3 x AAA batteries required - not included.

MD2560	Kit	$9.95

Kaleidoscope Kit

Learn how to make your own kaleidoscope in this STEM/Science Activity Kit for kids. It's such a fun way to explore light, reflections, and symmetry. Contents include: kraft paper tubes, eye hole chambers, tall chambers, plastic mirrors, colourful tiles, lenses and instruction sheet. Size of kaleidoscope: 17.4 x 4 cm dia. Pack of 10. Age 3+

SN6725	Pack of 10	$39.95

Skewers

Use as axles for wheels. 20cm.

X901	100 piece	$1.99
4 or more - Each		$1.40

Pegs Mini Plain

These wooden pegs measure 4.5(L) x 1cm(W).

SH440	50 piece	$9.95

Matchsticks

For gluing and construction activities. 5cm.

JM68	Plain - 3000 pieces	$9.95
CL2311	Coloured - 1000 pieces	$9.95

Balsa Wood

Box A: Sticks, blocks and sheets of balsa wood in assorted sizes. Includes sticks: 46(L) x 1.5-2cm(W). Blocks: 15(L) x 10(W)cm. Sheets: 46(L) x 7-10 cm (W). All vary in thickness. Approx. 200 pieces.
Box B: 45(L) x 7.5-10(W) x 0.151.25cm(D)Varying sizes. Approx. 250 pieces.
Box C: Varying sizes with largest block measuring 15(L) x 10(W) x 4.5cm(D). Approx. 60 pieces.

ATM10801	School Box A	$99.95
DC51341 **NEW**	School Box B	$129.95
DC51342 **NEW**	School Box C	$129.95

DC51342

DC51341

ATM10801

BUY 5000 PIECES & SAVE $4⁸⁰
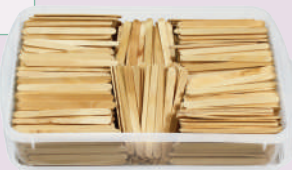
Icypole Sticks Plain

Use for craft or early numeracy.

TFC10113	1000 piece	$14.50
DC60200-5K	5000 piece	$29.95

Dolly Pegs Wooden

Natural coloured, wooden dolly pegs. 10cm.

DC51300	24 piece	$6.95

Half Peg Segments Plain

Unpolished half peg legs for all creative applications. Lightweight and excellent for pasting and painting. Use for construction of miniatures, shapes and arts and crafts activities.

JM77	Pack of 200	$9.95

Polystyrene Balls

Explore shape and measurement with lightweight polystyrene. Assorted sizes.

SH1296 **NEW**	2.5cm - 100p	$5.95
CL5428	6cm - Pack of 25	$5.95
SH1295	5cm - Pack of 50	$7.50
SH1301	7.5cm - Pack of 25	$7.95
NK51336 **NEW**	10cm - Each	$0.95
SH1302	10cm - Pack of 12	$10.95
SH1304	15cm Pack of 6	$15.50

SH1301

SH1302 - Pack of 12
NK51336 - Each

CL5428

SH1295

SH1296

SH1304

FREE freight on all orders over $99. Conditions apply, see website for details.

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Construction Resources

Corks

KNB2511

KNB2511

NEW

Packet of 10 corks, small are 19mmØ, medium 23mmØ and large 24mmØ.

NK51315	10 piece - Small	$3.95
NK51317	10 piece - Large	$9.95

Twine

DC51350

UB0893

NEW

Tough twine, 450g

DC51350 **NEW**	236m reels - Cotton	$19.95
UB0893	236m reels - Jute	$9.95

Rubber Bands

DC51352

SX1011

NEW

Strong rubber bands. 500g Bag.

DC51352	Size 30, 0.3cm(W)	$6.95
SX1011	Size 64, 0.6cm(W)	$8.95

Nails

NL024

DC51361

Assorted pack contains four sizes of nails from 2 to 5cm, with approx. 210 nails per pack. Bucket ranges from 1 to 5cm, with approx. 1,800 nails per bucket.

NL024	Assorted - 200g	$3.95
DC51361	Bucket - 1kg	$9.95

Candles

Regular size candles. Tapered at one end. For use in science and technology activities. 20cm(L).

DC51296	6 piece	$4.95

Paper Clips

Standard metal paper clips used for clasping your papers together.

JA4371	1 piece	$5.95

Thumbtacks

NEW

ACC002	$2.30
12 or more - Each	$2.10

Cork Sheet

NEW

Measures 30 x 25 x 0.2cm

DC51327	1 piece	$4.95

Polystyrene Sheet

NEW

DC51326	1 piece	$2.95

NEW

Modelling Material

Classic modelling material that is similar to plasticine. Available in an assortment of colours.

KC1015	Purple	500g	$3.95
KC1008	Red	500g	$3.95
KC1013	Blue	500g	$3.95
KC1011	Green	500g	$3.95
KC1010	Yellow	500g	$3.95
KC1017	Brown	500g	$3.95
KC1019	White	500g	$3.95
KC1018	Black	500g	$3.95
KC1009	Orange	500g	$3.95
KC1016	Pink	500g	$3.95
12 or more - Each colour			$2.95

NEW

Marbles

Assorted marbles. 180g.

TFC51354	piece	$4.95

Plastic Cups

Plastic cups 180ml.

DP9013	Pack of 50	$2.50

Cups Foam

A great starting point for many constructions. 188mL. 6.7(H) x 7cm (top dia).

DP9014	25 piece	$6.95
40 or more - Each pack		$3.95

Multicoloured Straws

A selection of plastic coloured straws. Size: 20cm(L).

A6265	Pack of 250	$4.95
12 or more - Each pack		$3.95

PVC Tubing

0.4cm inside diameter tubing. Fits to connectors and syringes. Length 20m.

NK50900	$14.95

Balloons

Regular sized balloons in assorted colours.

X104	100 piece	$14.95

FREE freight on all orders over $99. Conditions apply, see website for details.

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Construction Resources

NEW

Spools Wooden

Construct technology models with these quality wooden spools. Suitable for threading and gluing. Pack of 50, assorted sizes.

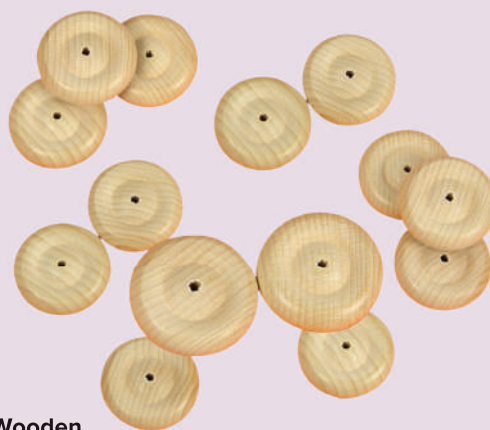| SH960 | 50 piece - Assorted | $17.95 |

NEW

Wheels Wooden

Pack of 12 wooden wheels with 0.5cm hole.

| DC51372 | 12 piece - 2.5cm | $3.95 |
| DC51373 | 10 piece - 3cm | $4.95 |

NEW

Wheels Cardboard

Thick cardboard wheels. Includes two sizes with external diameter 4.5cm and 3cm. Centre hole of 0.4cm(dia) is a perfect fit for dowel (51307).

| DC51382 | 100 piece | $13.95 |

NEW

Wheels Wooden

Create movable model vehicles or use as eyes and buttons for large art and craft projects. 0.4cm hole.

| DC51370 | 100 piece - 3cm | $36.95 |
| DC51371 | 100 piece - 4cm | $49.95 |

NEW

Cotton Reels

This plastic cotton reels is perfect for patterning and threading activities. 4 colours, 33mm in diameter. Threading laces included.

| TFC30075 | 128 pieces | $24.95 |
| TFC16271 | 64 pieces | $12.50 |

NEW

~~$11.00~~
$9⁹⁵
SAVE $1.05

Propellers

Three blade push fit propeller 12.5cm(L).

| DC51384 | Three Blade - 1 piece | $9.95 |
| DC51384-10K | Three Blade - 10 piece | $1.10 |

Tin Snip
NEW

Tough and suitable for cutting all types of thin metal.

DC51423		$11.95

Chisel Firmer Set
NEW

A quality wooden handle chisel set with four convenient sizes.

DC51445	4 piece	$9.95

Multipurpose Shears
NEW

You now can cut thick cardboard, plastic, thin metal and more. Multipurpose shears features easy-grip handle and is spring loaded.

DC51425		$7.95

Clamps
NEW

Ideal for holding items together while glue dries or for precise measuring.

DC51426	G Clamp Medium - 7.5cm	$4.95
DC51429	Quick Clamp	$11.95

Cutting Knife
NEW

Retractable blade for safety.

DC51424	Knife	$5.95
DC51418	Knife Blades	$2.50

Safety Trimming Knife

These safety knives come with a blade lock and special design for easy handling and cutting. Blades slide back into handle for extra safety.

JA5804	Student	$1.60
NL031	Large	$1.95

F Clamps
NEW

Metal construction for long-lasting school use.

DC51421	Medium 5 x 15cm	$4.95
DC51422	Large 8 x 20cm	$5.95

Vice: Swivel Table
NEW

A lightweight multi-purpose vice with swivelling head. 7.8 x 5cm.

DC51439		$39.95

File
IND007	25cm	$9.95

Hand Drill – Drill Bits
MDS9022	Drill Bits	$29.95

Tape Measure - Rubber Grip - 5 metres

The measuring tape is 5 metres long and is supplied in assorted colours. It displays both centimetres and feet. With non-slip grip, clip and strap. Comes with thumb controlled blade lock. Size: 6 x 6.5 x 3cm approx.

UB0945	Each	$8.95

FREE freight on all orders over $99. Conditions apply, see website for details.

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Tools for Schools

NEW

Wire Strippers

Removes insulation without cutting the inner wire. Can be set for different cable thickness. Separate strong cutting jaws will cut through cables if necessary.

| NK51176 | Automatic | $19.95 |

NEW

Pliers Long Nose

Insulated pliers can be used to cut wire, hold small objects or squeeze fasteners together. Measures 15cm(L).

| DC51436 | | $7.95 |

NEW

Spanner Adjustable

Strong adjustable shifting spanner. Useful for tightening or loosening nuts and bolts. 15cm(L).

| DC51435 | | $13.95 |

NEW

Pliers Leather Punch

Designed to punch holes in leather and other materials. They are constructed from metal and feature a convenient handle lock for safe keeping.

| DC51438 | | $19.95 |

NEW

Screwdriver Set

Features a Phillips and flat head screwdriver (10cm) with durable plastic handles.

| DC51448 | 2 piece | $2.95 |

Short Saw

| IND003 | 37cm | $15.95 |

Hammer

| IND012 | 16cm | $16.95 |

Screwdriver Set

Perfect for children to use as they develop skills of hand-eye coordination, joining and hammering.

| DC51441 | Fibreglass Claw | $6.95 |

Screwdriver - 19cm

| IND008 | Flathead | $5.95 |
| IND0081 | Phillips Head | $5.95 |

Tenon Saw

Features sturdy wooden handle with comfortable grip for left and right-handed use.

| DC51552 | | $9.95 |

Universal Mount Clips

NEW

This plastic spring clip is ideal for holding components between 1.9 to 2.5cm diameter in position. Perfect to use with electric motors or plastic syringes. Each mount clip has its own sticky pad.

| CT64112 | 10 piece | $11.95 |

Wire Cable

NEW

Single coloured plastic coated wire. 25m each.

NK51173	Black	$7.95
NK51174	White	$7.95
NK51172	Red	$7.95

Gearbox with Motor

NEW

Add motion to constructions with this simple kit. Instructions included.

| EL2730 | | $29.95 |

Push Fit Motor Pulleys

NEW

These motor pulleys push fit directly onto the motor shaft providing a direct drive pulley. The reduced push fits into wheels and pulleys with a 4mm centre hole, thus reducing the hole from 4mm to 2mm.

| CT23045 | 50 piece | $19.95 |

BUY PACK OF 10 & SAVE
$5.10

Toggle Switch

NEW

A sturdy switch with on/off indicator label. Can be used unmounted or in simple circuits.

| EL0572 | Each | $2.95 |
| EL0572K | Set of 10 | $24.40 |

BUY SET OF 50 & SAVE
$16.05

Lamp Holder Set

Suitable for use with small globes (both 1.5 and 2.5V).
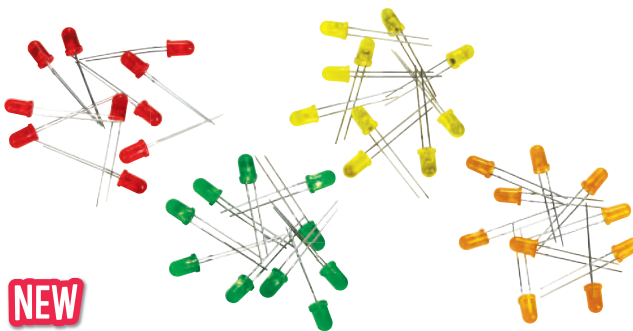
| NK20505 | Set of 10 | $11.95 |
| TFC51159 | Set of 50 | $49.95 |

LED Lights

LED lights for eye-catching displays. They are an alternative to bulbs and are useful for adding colour to models.

NEW

LED Lights - 0.5cm

EL0150-10	Red - Set of 10	$4.00
EL0160-10	Yellow - Set of 10	$4.00
EL0170-10	Green - Set of 10	$4.00
EL0169-10	Orange - Set of 10	$4.00

Visit our website to view our full range of electricity resources

FREE freight on all orders over $99. Conditions apply, see website for details.

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Tapes & Adhesives

NEW

Tape PVC 3.6cm 66m Yellow

A top quality tape. Strong adhesive, ideal for construction and craft.

| DC50235 | Each | $6.95 |

NEW

Tape Masking

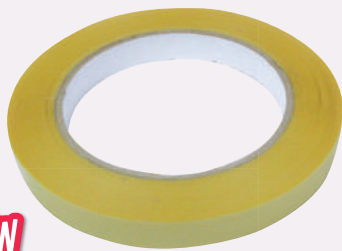Quality masking tape for joining and all art work.

| DP0540 | 50m roll - 4.8cm Wide | $5.95 |

Tape Adhesive

Clear tape that produces a strong, permanent bond. Various widths and lengths.

| ACC015 | Clear 1.2cm 66m | $1.10 |
| ACC016 | Clear 1.8cm 66m | $0.90 |
| ACC018 | Clear 2.4cm 75m | $1.95 |

NEW

Tape Double-Sided

A simple and reliable way to join two components. Ideal for use with hanging posters, projects or works of art.

| DP9008 | 33m roll 1.2cm Wide | $6.95 |

Blue Tack

Reusable adhesive with thousands of uses. Can be used on all types of surfaces: nonporous, painted, vinyl coated wall paper, glass, metal and more.

CG20	Plain - 1 pack	$2.95
CG19	Coloured - 1 pack	$3.95
DC50250	Coloured - 25 packs	$99.95
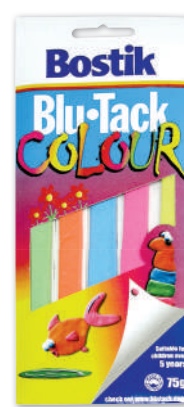
NEW

Glue Sticks

Clear glue sticks, for use with the low temperature glue gun. 1kg pack is approximately 80 pieces. Size: TH121 10cm(L) and DC51584 30cm(L) x 7.5mmØ.

| TH121 | 10 pieces | $2.85 |
| DC51584 | 1kg pack | $19.95 |

Glue Gun

Low temperature safety glue gun to be used with electrical outlet. Glue sticks sold separately.

| TH120 | | $10.70 |

Dispenser Pump

| DC51596 | | $4.95 |

Creatistics Strong Craft Glue 125g

| CS0004 | | $2.95 |

NEW

Bostick Glu Stick

Non-toxic, washable, clear glue. Bonds paper, fabric and cardboard.

| CG23 | 21g - Pack of 10 | $29.95 |
| CG27 | 35g - Each | $4.50 |

Creatistics School PVA Glue

PVA washable school glue is a great addition to any classroom. This strong glue goes on white but dries clear. Comes in a 1 and 5 Litre bottle. Non-toxic.

| CS0006 | 5 Litres | $26.95 |
| 3 or more | Each | $25.95 |

PVA Strong Craft Glue - 5 Litres

PVA washable craft glue is extra strong and will bond almost any crafting material together. It is non-toxic and comes in a 5 Litre bottle.
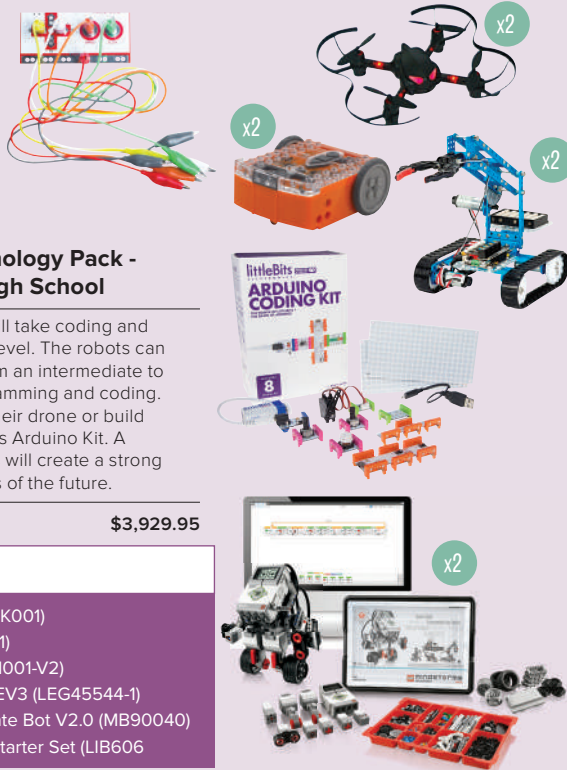
| CS0007 | Each | $34.95 |
| 3 or more | Each | $31.95 |

What could a Makerspace look like?

This 3D floor plan gives you an idea of what a Makerspace could look like in a converted library or classroom. There is no 'one way' to create a Makerspace and any room will look different to another. Makerspaces can be created in any size and on any budget.

Tools
LEGO®
Circuits
Robotics
Building & Designing
Art & Craft
Animation & Storytelling
3D Printers

~~$4,149.45~~

$3,929.95
SAVE $219.50

Makerspace Technology Pack - Upper Primary /High School

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.

| MS600K | $3,929.95 |

Kit includes

- 1x 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

~~$240.50~~

$215.95
SAVE $24.55

Makerspace Design & Create Kit

This kit is a great introductory set to combine design, art, technology, engineering, maths and science and to start building. Whether this is a craft project, to design a perfect architectural structure, a 3D maths shape, accesory, bridge, tower or anything else your imagination guides you.

| MS120K | $215.95 |

Kit includes

5 sets of 1000 Large Paddle Pop Sticks (JM67)
5 sets of 1000 Small Paddle Pop Sticks (SH956
4 Low Melt Glue Guns (TH120)
10 sets of 10 Low Melt Glue Sticks (TH121)
80 Litre Storage Container (K80L)

FREE freight on all orders over $99. Conditions apply, see website for details.

Makerspace Kits

Makerspace Building Kit

$581.55
$495.95
SAVE $85.60

Engineer, create, build and improve structures, models and building. Use plastic, wood, or other base materials and use the tools included to put together impressive ideas.

MS900K $495.95

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 (ElS0280K)
2x Heavy Duty 80 Litre Container (K80L)

Makerspace Tool Kit

$784.35
$575.95
SAVE $208.40

The ultimate Makerspace Tool to have all hardware tools on hand for the biggest projects. A wide variety of tools ensures you to create any STEAM project.

MS200K $575.95

Kit includes

• 1x Assorted Basic Pliers - Set of 5 (AM8360)
• 3x Duct Tape 20m x 48mm (UB0096D)
• 12 x Stationery Scissors - Black Handles 14cm (WH607)
• 1x Tool Wrap - 60 x 23cm (MDS3007)
• 3x Flathead Screwdriver - 19cm (IND008)
• 2x Sanding Mouse - 13cm (MDS9050)

• 3x Hammer - 16cm (IND012)
• 1x Spring Clamp - 6 pieces (IND0606)
• 2x File - 25cm (IND007)
• 3x Phillips head Screwdriver - 19cm (IND0081)
• 1x Whittling Peelers - Set of 6 (MDS9016)
• 1x Hand Drill - Drill Bits (MDS9022)
• 1x Hand Drill - 26cm (MDS9021)
• 6x G-Clamp - 15cm (IND006)
• 2x Retractable Tape Measure (IND005)
• 12x Clear Safety Glasses - Vented (ElS0619A)
• 1x Tenon Saw 300mm (NL023)
• 1x Leather Punch Pliers - Metal (NL011)
• 3x Cutting Knife (NL031)
• 3x Multipurpose Shears (NL022)

• 2x Sandpaper Assorted Grades - Pack of 12 (NL033)
• 1x Nails Assorted 20 to 50mm 7oz - Pack of 210 (NL024)
• 12x Leather and Cotton Gloves (NL038)
• 3x Desk Stapler Full Strip Black and Grey (ACC006)
• 1x Staples Marbig No. 266 Box of 5000 (ACC005)
• 2x Low Melt Glue Gun (TH120)
• 1x Low Melt Glue Sticks 10cm - Pack of 10 (TH121)
• 2x High Temperature Glue Gun (CG39)
• 1x High Temp Glue Stick 10cm - Pack of 10 (CG46)

$1,425.30
$1,337⁹⁵
SAVE $87.35

Makerspace Circuits Kit

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

MS110K **$1,337.95**

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)

$1,070.35
$899⁹⁵
SAVE $170.40

Makerspace STEM Station & Resource Kit

This kit includes art & craft resources as well as the trolley to store it all in.

MS700K **$899.95**

Kit includes

1x STEM Maker Station (CRN001S)
1x Washi Glitter Tape - 8 Asst Colours x 10m (TH638)
1x Assorted Nylon Paint Brush Set of 25 (YA0025)
1x FAS Super Tempera Primary Paint – Kit of 6 (FN10-K)
1x Jumbo Triangular Pencils - 144 in Wooden Box (CS0100)
1x Tacky Craft Glue - 125ml (EC125)
1x SchoolArt Superstik Glue Stick 25G - Pack of 12 (JN1203)
4x Spring Clamp (NL007)
1x Thin Line Washable Markers - Classpack of 200 (BY8211)

Makerspace Craft Pack

A perfect Makerspace Craft Pack to ensure not one project is too big! This pack includes a variety of materials to put the 'A' (art) in STEM. Construct models and decorate with these resources.

MS300K **$334.95**

Kit includes

- 1x Wooden Pegs - Pack of 48 (SH440)
- 1x Hessian Squares Natural - Pack of 10 (SH892)
- 1x Jute Hemp Twine Ball Natural - 130m Roll (SH893)
- 1x Armature Wire - 1.6mm thick 175m Roll (TH207)
- 1x Cardboard Tubes Assorted - Pack of 60 (TH981)
- 1x Masking Tape Rolls 24mm x 50m - Pack of 3 (PPMT)
- 1x Display Paper - Holly Berry Red 76cm x 10m (CB918)
- 1x Display Paper - Sunlight Yellow 76cm x 10m (CB921)
- 1x Display Paper - Midnight Blue 76cm x 10m (CB919)
- 1x Assorted Sheer Organza Fabric – 7x10m Rolls (TH19K)
- 1x Coloured Cardboard 200gsm A4 - Pack of 100 (CB350)
- 1x Balsa Wood Box Assorted Sizes 3kg (ATM10801)
- 1x Coloured Cover Paper A4 125gsm - Pack of 550 (TEB0001)

$351.05
$334⁹⁵
SAVE $16.10

FREE freight on all orders over $99. Conditions apply, see website for details.

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Gratnells

This range of Gratnells Storage Units are the perfect addition to any science laboratory, classroom or Makerspace. The design features high quality materials and is supplied both with castors and feet. Measures 102(W) x 43(D) x 89(H)cm, and with side handles measure 105(H)cm. They can be fitted with the high quality Gratnells trays. Perfect STEAM storage solutions.

NEW

Gratnells - Callero Storage Unit

Includes Storage Unit, Runners and 24 x Shallow Trays. Kit is available with clear trays or coloured, transparent trays. Contents may vary

GT3044-24K	24 Shallow Trays - Green	$899.95
GT3044-24C	24 Shallow Trays - Clear	$899.95

NEW

Gratnells - Callero Storage Unit

Includes Storage Unit, Runners and 12 x Deep Trays. Kit is available with clear trays or coloured, transparent trays. Contents may vary

GT3044-12K	12 Deep Trays - Blue	$799.95
GT3044-12C	12 Deep Trays - Clear	$799.95

NEW

Gratnells - Callero Storage Unit

Includes Storage Unit, Runners and 6 x Jumbo Trays. Kit is available with clear trays or coloured, transparent trays. Contents may vary

GT3044-6K	6 Jumbo Trays - Red	$699.95
GT3044-6C	6 Jumbo Trays - Clear	$699.95

NEW

SAVE
$192²⁰

Gratnells - Callero Storage Unit

Includes Storage Unit, Runners and 12 x Shallow and 4 x Deep Trays. Kit is available with clear trays or coloured, transparent trays. Contents may vary

GT3044-16K	12 Shallow & 4 Deep Trays - Green & Blue	$899.95
GT3044-16C	12 Shallow & 4 Deep Trays - Clear	$899.95

NEW

Shallow Tray

Measures 31(W) x 43(D) x 7.5(H)cm.

GT70357	Green	$8.95
NK70300	Clear	$8.95

NEW

Deep Tray

Measures 31(W) x 43(D) x 15(H)cm.

GT70366	Blue	$13.95
NK70301	Clear	$12.50

NEW

Extra Deep Tray

Measures 31(W) x 43(D) x 22.5(H)cm.

GT70374	Yellow	$16.95
GT70309	Clear	$16.95

NEW

Jumbo Tray

Measures 31(W) x 43(D) x 30(H)cm.

GT70385	Red	$18.95
GT70302	Clear	$18.95

Gratstack® Shelf Inserts **NEW**

Useful tray inserts for organising smaller items. Fits shallow trays only.
Available in dove grey colour only. Measures 27.5 x 38.8 x 4cm.

Three Section
GT70304 $9.95

Four Section
GT70305 $9.95

Six Section
GT70306 $9.95

Eight Section
GT70307 $9.95

Gratnells Tray Lid

Clear lid suitable for all trays. Size: 38.4 x 43 x 1.5cm

NK70303		$6.95

Shallow Tray

Measures 31(W) x 43(D) x 7.5(H)cm.

GT70357	Green	$8.95
NK70300	Clear	$8.95

STEM Maker Station

Schools everywhere are putting more and more emphasis on learning through building and hands-on experiences. The STEM Maker Station allows classrooms to store all of their essential maker materials in one secure place and share a unit between classrooms. The STEM Maker Station is also ideal for libraries where diverse creative activities are undertaken and space is limited.

CRN001S		$699.95

Plastic Storage Container – 10 Litre

Size: 36(W) x 29(D) x 13(H)cm.

K10L	Each	$14.95
KL10L-20	Set of 20	$259.95

Plastic Storage Container – 15 Litre

Size: 36(W) x 29(D) x 19(H)cm.

K15L	Each	$17.95
KL15L-16	Set of 16	$259.95

Plastic Storage Container – 28 Litre

Size: 43(W) x 35(D) x 24(H)cm.

K28L	Each	$24.95
KL28L-12	Set of 12	$249.95

Clear Jar with Screw on Lid

Plastic storage container with screw on lid with handle. Perfect for organising your craft cupboard. Size: 1.5 Litres.

EC711	Each	$3.95

Storage Containers – Pack of 12

These plastic screw-top lids have built-in carry handles. Accessories not included. Available in 2 sizes.

FD01001	1 Litre	$39.95
FD03003	3 Litre	$59.95

Invicta Storage Tubs

Excellent for organising your classroom items. Plastic containers. Illustrated items not included. Size: 7cm square.

IP0981	Set of 10	$24.95

Storage on the go

Ideal for datalogging equipment and tablet storage, the new SmartCase® is your answer to heavy-duty mobile storage. It uses the same runner system as the standard tray range.

NEW **SmartCase®**

42 (L)
31 (W)
8cm (H)

GT70391 GT70393 GT70394 GT70392

| GT70391	Blue	$23.95
GT70392	Green	$23.95
GT70393	Red	$23.95
GT70394	Yellow	$23.95

FREE freight on all orders over $99. Conditions apply, see website for details.

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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.
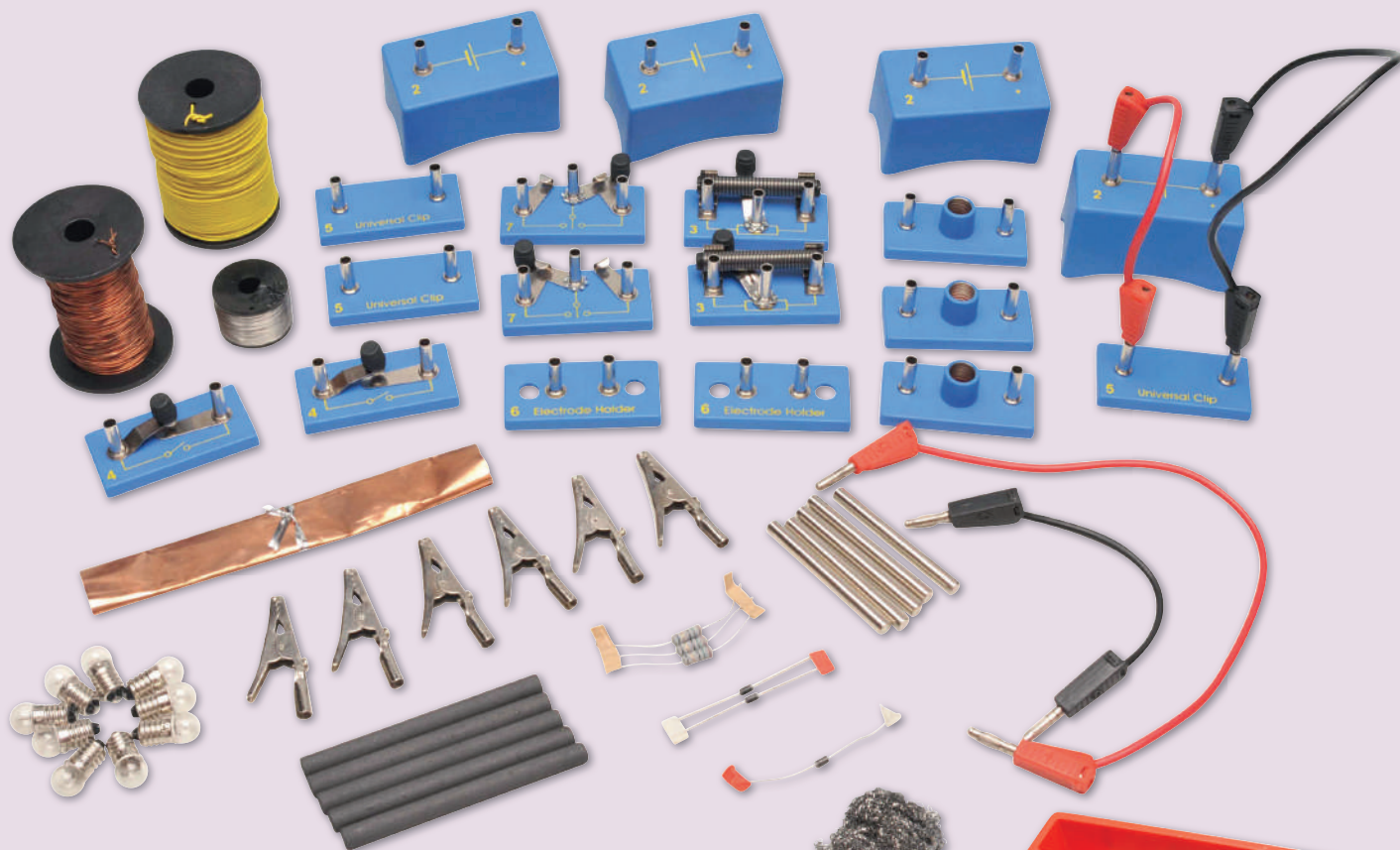
Basic Electricity Kit A

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.

EIS2011	37 pieces	$127.95

Basic Electricity Kit C

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.

EIS2014	56 pieces	$129.95

Basic Electricity Kit B

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

EIS2012	56 pieces	$129.95

Basic Electricity Kit D

The Basic Electricity Kit has been designed as a low-cost, attractive and flexible alternative to the 'circuit-board' 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.

EIS2010	172 pieces	$449.95

For more information on kit components please see the website

FREE freight on all orders over $99.
Conditions apply, see website for details.

P **1800 251 497** F **1800 151 492** **teaching.com.au**

Prices exclude GST

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