



New Digital Technologies resources  
including LEGO® Education SPIKE™ Prime



**FREE freight** over \$199\*

Fast Shipping – 5 to 7 working days

\*Conditions apply, see website for details

**teaching.co.nz**

**P 0800 808 044 F 0800 682 329**

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## Meet LEGO® Education SPIKE™ Prime!

LEGO® Education SPIKE™ Prime is the STEAM learning tool for students in years 5-8, with a focus on developing skills in creativity, collaboration and critical thinking. Combining new and familiar building elements in a refreshing new colour scheme, easy-to-use hardware, and intuitive drag-and-drop coding language based on Scratch, SPIKE Prime continuously engages students through playful learning activities to think critically and to solve complex problems - regardless of their learning level.

One of the most valuable assets of SPIKE Prime is the teacher support that comes with each lesson, and includes links to the curriculum standards, teacher notes, possible solutions, hints, introduction videos and more. From the moment you open the box, the implementation of SPIKE Prime in the classroom will be a breeze.



Available  
Early  
2020

## Unit Plans

LEGO Education SPIKE Prime offers four units, each with a specific theme focus. All units are designed to develop critical thinking skills through complex, engaging and personally relevant STEAM challenges.

### Unit 1: Invention Squad

- Focus on the design and engineering process
- Define a problem and success criteria
- Create prototypes
- Establish systematic testing procedures
- Analyse data and improve solutions
- Describe best solution

### Unit 2: Kickstart a Business

- Focus on developing and applying computational thinking skills
- Decompose a problem into sub-problems
- Recognise patterns
- Find and fix bugs
- Use conditions and compound conditions

### Unit 3: Life Hacks

- Focus on mathematics and working with data representation and manipulations
- Create variables
- Perform basic maths operations
- Use cloud data
- Design projects that combine hardware and software components to collect and exchange data

### Unit 4: Competition Ready\*

- Program autonomous robots
  - Test and refine models
  - Focus on collaboration and teamwork
  - Create life skills for future careers
- \* Please note - requires the SPIKE Prime Expansion Set



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on all orders over \$199

Conditions apply, see website for details.  
Valid until 31st December 2019.  
Promotional value excludes GST.  
Offer excludes export & new projects.

## The Digital Experience

The SPIKE App provides an intuitive coding environment, taking the best elements from the popular coding language based on Scratch. Scratch has a proven track record, and is the most widely used graphical programming language in teaching. With three easy Getting Started steps, you will be ready to dive into the four Units with confidence, ready to explore the different functions and possibilities of SPIKE Prime.



### LEGO Education SPIKE Prime Set

Offering an easy getting started experience, most SPIKE Prime's standards-aligned lessons can be completed within a 45-minute class period – including building and coding. With teacher training, getting-started guides, and lesson plans, this solution is a great way to help build students' confidence, strengthen their STEAM foundation, and set them up for success. From easy entry lessons to the limitless creative designs, SPIKE Prime engages students regardless of their learning level in thinking critically, analysing data and solving complex problems with real-world relevance.

LEG45678 Each

\$579.95

### What's in the Box?

- 1 Large motor and 2 medium motors
- Distance sensor, force sensor and colour sensor
- Programmable hub, featuring a 5x5 LED matrix, 6 input/output ports, integrated 6-axis gyro sensor, speaker, Bluetooth connectivity and rechargeable battery (charged via USB cable, included in the set)
- Sturdy storage box with 2 sorting tray, over 500 LEGO Technic and System elements in a fresh colour palette



### LEGO Education SPIKE Prime Expansion Set

The LEGO Education SPIKE Prime Expansion set is an add-on set for the SPIKE Prime set (LEG45678) and includes 603 elements, including large wheels, banana gears, a colour sensor and a large motor. It features over 10 hours of targeted STEAM Learning that will inspire both students and teachers to build more advanced robots and prepare them for the challenging world of robotics competitions.

LEG45680 Each

\$195.45



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**LEGO® SPIKE™ Prime Technic Large Hub**

The LEGO® Technic™ Large Hub features 6 input/output ports for connecting a variety of sensors and motors, a customisable 5x5 light matrix, Bluetooth connectivity, speaker, 6-axis gyro, rechargeable lithium-ion battery and a micro USB port for connectivity with compatible computers and tablets. For a full list of compatible devices, please refer to our website.

LEG45601 Each

\$459.95



**LEGO SPIKE Prime Technic Large Angular Motor**

The LEGO Technic Large Angular Motor is the ideal solution for high-power, high-torque applications, featuring an integrated rotation sensor and absolute positioning for true straight-line control.

LEG45602 Each

\$63.20

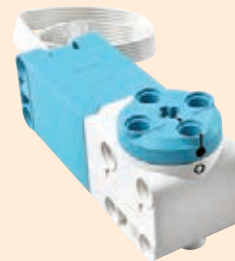


**LEGO SPIKE Prime Technic Medium Angular Motor**

Build high-response robots with the LEGO Technic Medium Angular Motor featuring low-profile design, integrated rotation sensor with absolute positioning and 1-degree accuracy.

LEG45603 Each

\$57.45



**LEGO SPIKE Prime Technic Distance Sensor**

Deliver high-accuracy results with the LEGO Technic Distance Sensor, featuring 1-200cm range, +/- 1cm accuracy and programmable LED 'eyes'.

LEG45604 Each

\$63.20



**LEGO SPIKE Prime Technic Colour Sensor**

The LEGO Technic Colour Sensor distinguishes between 8 colours and measures reflected and ambient light from darkness to bright sunlight.

LEG45605 Each

\$45.95



**LEGO SPIKE Prime Technic Force Sensor**

The LEGO Technic Force Sensor measures pressures of up to 10 Newtons (~1kg) for accurate, repeatable results. The sensor can also be used as a touch sensor when pressed, released or bumped.

LEG45606 Each

\$37.90



**LEGO SPIKE Prime Technic Large Hub Battery**

A specifically designed rechargeable battery for powering the Technic Large Hub. It is charged inside the Hub via micro USB cable and can be removed from the Hub without the use of tools.

LEG45610 Each

\$114.95



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## Classroom Solutions

SPIKE™ Prime Curriculum Solution Packs

		LEGO® Education SPIKE Prime Set <b>LEG45678</b>	LEGO Education SPIKE Prime Expansion Set <b>LEG45680</b>	MTA Storage System Double <b>SUN8327</b> 3rd party product	MTA Storage System Triple <b>SUN8337</b> 3rd party product	Ten Port USB Charger <b>LVS120</b> 3rd party product
LEG45678-3 6	<b>\$1,696.20</b> SAVE \$43.65	3				
LEG45678-6 12	<b>\$3,466.35</b> SAVE \$131.30	6				1
LEG45678-6S 12	<b>\$3,682.95</b> SAVE \$221.25	6		1		1
LEG45678-8 16	<b>\$4,560.65</b> SAVE \$196.90	8				1
LEG45678-8S 16	<b>\$4,881.75</b> SAVE \$265.65	8			1	1
LEG45678-10 20	<b>\$5,644.00</b> SAVE \$273.45	10				1
LEG45678-10S 20	<b>\$6,165.05</b> SAVE \$365.50	10		2		1
LEG45678-12 24	<b>\$6,716.45</b> SAVE \$360.90	12				1
LEG45678-12S 24	<b>\$7,248.40</b> SAVE \$442.05	12		2		1
LEG45678-15 30	<b>\$8,442.60</b> SAVE \$492.55	15				2
LEG45678-15S 30	<b>\$9,117.20</b> SAVE \$597.65	15			2	2
LEG45678-3E 6	<b>\$1,881.50</b> SAVE \$69.70	3	1			
LEG45678-6E 12	<b>\$4,032.75</b> SAVE \$198.95	6	3			1

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## Tello EDU Drone & Intelino Smart Train

### Key Features

- 720P HD Transmission
- 5 MP Photos
- 13-min Flight time
- Precise Hovering
- Program a Swarm of Drones
- Mission Pads Offer Multiple Fun Uses
- Multiple Flight Mode
- Unlock More Possibilities with SDK

### Tello Education Drone

Take drones to the next level and give your drone instructions by programming it! You can easily learn programming languages such as Scratch, Python, and Swift. Complete with DJI's flight control technology, Tello EDU also supports Electronic Image Stabilisation. Write code to command multiple Tello EDUs to fly in a swarm and develop amazing AI functions. Programming has never been this fun with Tello EDU!

EE0100 Each	\$241.50
EE0100-5 Set of 5	\$1,184.45
EE0100-10 Set of 10	\$2,334.44



SET OF 10  
**\$2,334<sup>44</sup>**  
 SAVE \$80.56



**NEW**

### Tello Spare Battery

The 1.1Ah/3.8V Detachable Battery is designed for use with the Tello Education Drone (EE0100). Specially made for Tello, high-quality cells, and easy to mount.

EE0001 Each	\$30.50
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**NEW**

### Tello Battery Charging Hub

The Tello Battery Charging Hub is designed for use with Tello Flight Batteries. It can accommodate up to three Tello Flight Batteries at the same time. The Tello Battery Charging Hub charges batteries in sequence according to their voltage levels, from highest to lowest.

EE0009 Each	\$27.50
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**NEW**

### Tello Adapter for LEGO Toys

The Tello adapter for LEGO has high toughness, is durable, and has light weight; only 1.8g per interface. Blocks with interface are suitable for size of general blocks.

EE0060 Each	\$10.40
-------------	---------

### Includes

- 1 x Smart Engine
- 1 x Train Wagon
- 20 x Track Pieces
- 40 x Colour Snaps
- 1 x Train Decal Sheet
- 1 x Micro USB Cable

### Specifications

- 32 in/sec (80 cm/sec) top speed
- Bluetooth Smart 4.2
- Wireless Range
- Runs on most wooden tracks
- 100+ min play time
- USB Charging

SET OF 12  
**\$2,184<sup>95</sup>**  
 SAVE \$160.45



**NEW**

intelino

### Intelino Smart Train

Great child's first train set! Intelligence and sophistication of an advanced robotic toy. The Intelino smart train entertains fans of all ages and teaches the very basics of coding.

IWA8501 Each	\$195.45
IWA8501-4 Set of 4	\$758.95
IWA8501-8 Set of 8	\$1,494.95
IWA8501-12 Set of 12	\$2,184.95

Program the Intelino Smart Train with Colour Snaps that click onto the tracks!



**Singing Machine  
Fiesta Karaoke  
System**



Bring your voice to life with this Mood LED Glowing Bluetooth Sing-Along Speaker. This Fiesta Karaoke System brings the joy of music combined with the benefits of developmental skills. Features 8 powerful speakers, a 7 colour LCD display, 2 microphones, Bluetooth connection, multi-coloured LED light show that synchronises to the music, record vocals to USB, line-in to connect to other audio devices, and mobile trolley.



IWA9039 Each \$459.95

**Singing Machine  
Fiesta Mini  
Karaoke System**



The Singing Machine Fiesta Mini Karaoke System features Bluetooth for wireless audio streaming, Aux-in to connect to other devices, echo Controls, disco ball and speaker light show Sync with your music, 1 wired microphone included, mobile trolley design with long lasting party time rechargeable battery, USB port for your own mobile charger adaptor (Max.1A), docking cradle for mobile devices.



IWA0640 Each \$149.50



**Insta360 ONE X  
– 360 Degree Camera**

With the Insta360 OneX you can shoot in every direction at once, capturing moments in 360-degree videos and photos. This camera is ideal for virtual reality lessons, to create your own virtual environment. FlowState stabilisation lets you capture hypnotically smooth video, and outperforms leading smartphone gimbals. Since it doesn't require any accessories, you can use it anywhere with zero hassle. Please note - the Insta360 OneX requires an SD card (not included).



**Specifications**

- 360° Capture
- 5.7K Video and 18MP Photo
- FlowState Stabilisation
- Cinematic Slow-Mo
- WiFi Preview & Transfer
- TimeShift
- HDR



EE1X Each \$731.40



**Insta360  
Battery for OneX**



The insta360 battery for OneX is a rechargeable lithium ion polymer. One battery lasts 70 minutes, perfect for swapping out batteries for the long hauls. Suitable for 0°C to 40°C (32°F to 104°F).

EE1XB Each \$51.20



**Insta360  
Charger for OneX**



Charge 2 batteries at the same time with the charging station for the ONE X. Charges batteries to max in only an hour, and LED indicators let you know when the battery is being charged or is at max capacity. Includes: charging station, power cable, power adaptor and manual.

EE1XC Each \$82.80

**Invisible Selfie Stick  
for Insta360 ONE X**



The Insta360 One X Invisible Selfie Stick lets you capture breathtaking, unobstructed selfies, group pictures, and crisp videos using your Insta360 OneX without the stick being visible in the image. Key Features: Advanced algorithms allow it to automatically disappear in shots and footages, Telescopic rod extends up to 1.2m to provide a farther reach, Aviation aluminium construction offers great durability against the rigours of day-to-day use, Top and bottom use 1/4 standard screws, making it suitable for use with your Insta360 OneX (not included).

EE1XS Each \$26.20



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Merge VR

MERGE

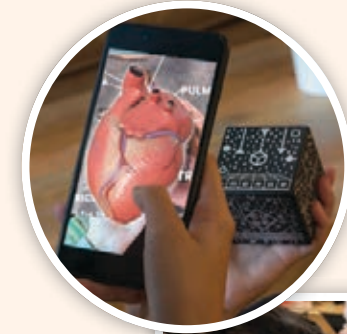
Things You Can Do With Merge Cube:

- STEM Learning
- Create Virtual Objects
- AR Gaming
- iOS Android & Windows

Merge Holographic Cube

Learn through virtual reality! With the Merge Cube you can hold virtual objects in your hand and learn about anatomy, math, science, engineering and more. The durable and soft Cube has long lasting battery, and over 30 available apps to learn and play.

MRG01 Each	\$29.95
MRG01-6 Set of 6	\$149.45
MRG01-12 Set of 12	\$275.95
MRG01-24 Set of 24	\$547.35
MRG01-100 Set of 100	\$2,184.95



SET OF 100  
**\$2,184<sup>95</sup>**  
 SAVE \$810.05



Merge Headset

Awarded best VR Headset for Big Kids and Tweens by CNN! The Merge Headset allows you to turn your iOS or Android smartphone into an immersive virtual reality headset – no controller necessary. The Headset is made of soft, lightweight foam with adjustable lenses to fit virtually any face. It has over 300 apps, games and virtual reality experiences available on the Merge Miniverse portal. Includes: AR/VR Goggles, Getting Started Guide & Lens cleaning cloth.

MRG02 Each	\$79.95
MRG02-6 Set of 6	\$425.45
MRG02-12 Set of 12	\$804.95
MRG02-24 Set of 24	\$1,586.95
MRG02-100 Set of 100	\$6,209.95



SET OF 100  
**\$6,209<sup>95</sup>**  
 SAVE \$1,785.05



MRG02-SC  
**\$5,519<sup>95</sup>**  
 SAVE \$1,472.55

Merge Cube & Headset Kits

These kits combine the Merge Cube with the Merge Headset. Enjoy the wonders of virtual and augmented reality hands-free! Bring lesson plans to life in the classroom, lab, library and Makerspace to support active learning and content creation.

MRG01K 1 Cube & 1 Headset	\$91.95
MRG02-GR 12 Cubes & 12 Headsets	\$1,149.95
MRG02-CL 24 Cubes & 24 Headsets	\$2,242.45
MRG02-MS 50 Cubes & 25 Headsets	\$2,874.95
MRG02-SC 100 Cubes & 50 Headsets	\$5,519.95







## Mabot

Mabot is a plug-and-play modular robot for endless combinations and possibilities. Students build, customise and program robots, while exploring mechanisms, engineering, coding and developing STEAM skills. Mabot integrates complex functions into quality ball modules, so students can just simply plug and play! Multi-angle design allows numerous combinations and variations. The Mabot IDE app, designed on Scratch, will walk students through coding basics, allowing them to progress as they master modules. Teach sequences, loops, events, functions, logic, conditionals and more!



### Why Mabot?

- Modular design, easy to assemble
- Multi-angle plug for multiple forms of robots
- Hot-plugging function allows easy accessibility and uninterrupted learning
- Comes with an entertaining app that turns learning into a game
- Compatible with LEGO®

### Key Components:

- 1 x Control Ball
- 1 x Battery Ball
- 2 x 6-port Connection Ball
- 2 x Drive Ball
- 1 x Colour Sensor
- & Other Accessories



### Mabot Starter Kit

This kit is perfect for the introduction of coding to the classroom. It includes 7 modules and creates a minimum of 2 robots.

BM1005 7 Modules

\$247.20

### Key Components:

- 1 x Control Ball
- 1 x Battery Ball
- 5 x 6-port Connection Ball
- 2 x Drive Ball
- 1 x Colour Sensor
- 1 x Touch Sensor
- 1 x Infrared Sensor
- 3 x 3-port connection ball
- & Other Accessories



### Mabot Advanced Kit

With additional modules such as touch and infrared sensors, you will be able to create bigger robots. This kit includes 15 modules and creates a minimum of 5 robots.

BM1006 15 Modules

\$459.95

### Key Components:

- 1 x Control Ball
- 2 x Battery Ball
- 8 x 6-port Connection Ball
- 4 x Drive Ball
- 1 x Colour Sensor
- 1 x Touch Sensor
- 1 x Infrared Sensor
- 3 x 3-port connection ball
- 2 x Swinging joint
- 2 x Rotate Joint
- 1 x Clipper
- & Other Accessories



### Mabot Deluxe Kit

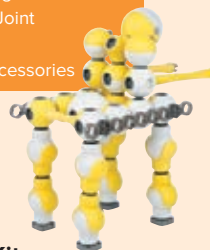
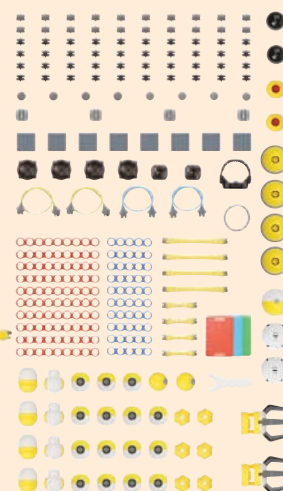
This kit includes swinging joints for even more advanced robots. The set includes 25 modules and creates a minimum of 12 robots.

BM1007 25 Modules

\$804.95

### Key Components:

- 1 x Control Ball
- 2 x Battery Ball
- 8 x 6-port Connection Ball
- 4 x Drive Ball
- 1 x Colour Sensor
- 1 x Touch Sensor
- 1 x Infrared Sensor
- 3 x 3 port connection Ball
- 2 x Swinging Joint
- 2 x Rotate Joint
- 1 x Clipper
- & Other Accessories



### Mabot Pro Kit

The most advanced kit for endless combinations and creations, this kit will encourage curiosity and enhance creativity. The kit includes 42 modules and creates a minimum of 12 official robots.

BM1008 42 Modules

\$1,379.95



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## The Cool Tool, Specdrums & Roli

Build 4 real working woodworking machines:

- Drill-press
- Wood lathe
- Jigsaw
- Sanding machine



### Playmat - 4in1 Woodworking Workshop

The Playmat – 4in1 Woodworking Workshop encourage creativity and technical understanding. The Playmat kit contains all the necessary parts for building up to 4 different, real working machines which can easily be assembled due to the well-designed component pieces and easy connection system. A special child-proof adaptor is included, to make this set suitable for ages 4 and up.

TCT9012 Each

\$229.95

The child-friendly design makes Playmat suitable for students from the age of 4 and up!



#### Includes

- Machine bed (280mm)
- Tailstock
- Drive Unit
- Drill, Drilling & Sanding Table
- Sanding Disk
- Tool Res
- 12V Safety adaptor
- Screw Driver
- Gouge
- Detailed instructions plans & suggestion
- Wood for turning and sawing to start instantly.



### SPHERO Specdrums

Specdrums are app-enabled rings that turn colours into music with a simple tap. Create music anytime, anywhere and make the world your instrument. Key Features: 2HR Playtime, Bluetooth LE, Midi Compatible, Silicon Skin, USB Charging. Includes: Specdrums Ring Set of 1, Play pad, USB Charging Cable, Quick Start guide to get you rolling, Carrying Bag.

MG101 1 Ring

\$172.50

MG102 2 Rings

\$288.60



### ROLI Seaboard Block

Seaboard Block is a portable, powerfully expressive controller that works on its own and connects to other Blocks in the modular BLOCKS system. This keyboard replaces a traditional keyboard with a soft, pressure-responsive surface. Touch and shape your own sound and create music in a new way. Pair it with the free NOISE app, or other included software programs, to access a huge library of hundreds of sounds from string sections, glitched-out synths, to guitar leads.

MG1142 Each

\$551.95



### ROLI Touch Block

Add the Touch Block to the Seaboard Block or Lightpad Block M to adjust its expressive behaviour. Take full control over the five dimensions of touch and change the way each instrument responds to touch. Turn up or turn down the responsiveness of the surface to the Strike, Glide, Slide, Press, and Lift dimensions of touch.

MG1143 Each

\$172.45



### ROLI Loop Block

The ROLI Loop Block is the companion that helps produce tracks faster and more spontaneously with ROLI BLOCKS, making it easier to layer loops and build a song. The Loop Block's controls help to set a tempo, record loops, and quantise loops so they always snap in time with the tempo. Loop Block only works when connected to ROLI's Lightpad Block or Seaboard Block.

MG1218 Each

\$172.45



**WeDo 2.0 Core Set**

The LEGO® Education WeDo 2.0 Core Set is the hands-on solution that helps teach STEAM concepts in an engaging, discovery-based way. Designed with collaboration in mind, each set combines LEGO bricks with classroom-friendly software to introduce students to science, engineering, and computational principles.

**LEG45300**
**\$346.95**

**Classroom Solutions**

WeDo 2.0 Curriculum Solution Packs

	WeDo 2.0 Curriculum Solution <b>LEG45300</b>	WeDo 2.0 Multi-Charger <b>WLMC01 or WCMC04</b> <i>3rd party product</i>	MTA Storage <b>SUN8316 or SUN8326</b> <i>3rd party product</i>	LEGO Transformer 10V DC - Battery Charger <b>LEG8887</b>	Smarthub Rechargeable Battery <b>LEG45302</b>
<b>LEG45300-8C</b> 16 <b>\$3,783.95</b> SAVE \$347.20					
8	1 x 8-port charger			8	
<b>LEG45300-8CS</b> 16 <b>\$3,994.95</b> SAVE \$407.15					
8	1 x 8-port charger	1 x double storage unit		8	
<b>LEG45300-10CN</b> 20 <b>\$4,822.95</b> SAVE \$261.00					
10	1 x 10-port charger			10	
<b>LEG45300-10CS</b> 20 <b>\$4,699.95</b> SAVE \$654.95					
10	1 x 10-port charger	1 x double storage unit		10	
<b>LEG45300-12C</b> 24 <b>\$5,216.95</b> SAVE \$938.70					
12	1 x 10-port charger			2	12
<b>LEG45300-12CS</b> 24 <b>\$5,287.95</b> SAVE \$1,138.65					
12	1 x 10-port charger	1 x double storage unit		2	12
<b>LEG45300-15C</b> 30 <b>\$6,462.95</b> SAVE \$1,334.45					
15	2 x 8-port charger				15
<b>LEG45300-15CS</b> 30 <b>\$6,521.95</b> SAVE \$1,616.40					
15	2 x 8-port charger	1 x triple storage unit			15

Enquire about our Professional Learning Workshops in your region.



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LEGO® MINDSTORMS® Education EV3



**LEGO® MINDSTORMS® Education EV3 Curriculum Solution**

This set contains all the tools you need to start exploring STEAM and computer science using the LEGO® MINDSTORMS® Education EV3 concept. This system uses the Intelligent EV3 brick, a small, programmable computer that allows students to control motors and collect sensor feedback. When this brick meets icon-based programming and data-logging software, students get hands-on experience with simple engineering and coding.



LEG45544-1

\$798.95

**Classroom Solutions**  
EV3 Curriculum Solution Packs



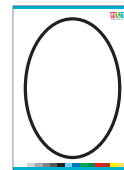
LEGO Education EV3 Curriculum Solution  
LEG45544-1



Battery Charger  
LEG8887



Robotics Training Mat  
ROB014  
3rd party product



MTA Storage System Double  
SUN8327  
3rd party product



Product Code	Price	Save	EV3 Curriculum Solution	Battery Charger	Robotics Training Mat	MTA Storage System
LEG45544-1K 2-3	\$857.95	SAVE \$11.95	1	1		
LEG45544-4 8	\$3,430.95	SAVE \$178.60	4	4	1	
LEG45544-4S 8	\$3,665.95	SAVE \$250.15	4	4	1	1
LEG45544-5 10	\$4,276.95	SAVE \$202.50	5	5	1	
LEG45544-5S 10	\$4,464.95	SAVE \$321.05	5	5	1	1
LEG45544-6 12	\$5,122.95	SAVE \$226.40	6	6	1	
LEG45544-6S 12	\$5,310.95	SAVE \$344.95	6	6	1	1

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LEG45544-10S

x2

**Classroom Solutions**  
EV3 Curriculum Solution Packs

	LEGO Education EV3 Curriculum Solution <b>LEG45544-1</b>	Battery Multi-Charger <b>WLMC01</b> 3rd party product	Robotics Training Mat <b>ROB014</b> 3rd party product	Robotics Challenge Mat <b>ROB15</b> 3rd party product	MTA Storage System Double <b>SUN8327</b> 3rd party product	MTA Storage System Triple <b>SUN8337</b> 3rd party product

LEG45544-8 16	<b>\$6,556.95</b> SAVE \$376.55	8	1	1		
LEG45544-8S 16	<b>\$6,838.95</b> SAVE \$484.40	8	1	1		1
LEG45544-10 20	<b>\$7,989.95</b> SAVE \$541.45	10	1		1	
LEG45544-10S 20	<b>\$8,577.95</b> SAVE \$566.55	10	1		1	2
LEG45544-12 24	<b>\$9,681.95</b> SAVE \$859.30	12	2		1	
LEG45544-12S 24	<b>\$10,140.95</b> SAVE \$1,013.40	12	2		1	2
LEG45544-15 30	<b>\$11,749.95</b> SAVE \$1,188.15	15	2		1	
LEG45544-15S 30	<b>\$12,219.95</b> SAVE \$1,497.85	15	2		1	2

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**FREE freight on all orders over \$199.** Conditions apply, see website for details.



Wonder Workshop - Dash & Dot



Suitable for years K-5

**Dash & Dot Educational Robots**

Dash & Dot are robots with a personality! Program Dash to do anything from reacting to the sound of a clap to performing a victory dance to detecting and avoiding obstacles. Dash can detect objects in front and behind, can record custom sounds, moves in precise increments, and can move in angles. Push the boundaries of what is possible with Dot, a small but mighty robot. Dot is responsive and can interact with Dash with it's sophisticated technology. He expresses emotions with lights and sounds and detects when it's moved.

DW001 Dash	\$328.95
DW001-6 Set of 6 Dash	\$1,785.95
DW001-12 Set of 12 Dash	\$3,524.95
DW002 Dash & Dot	\$411.95

12x DASH  
**\$3,524<sup>95</sup>**  
 SAVE \$422.45



**NEW**

**Dash & Dot Wonder Pack & Curriculum Bundle**

Perfect for a classroom, the Classroom Pack provides an ideal 3:1 student-to-robot ratio and includes:

- 6 - Dash robots
- 3 - Dot robots
- 6 - Launchers
- 3 - Challenge Card Box Sets
- 1 - Learn to Code Curriculum Guide
- 1 - One-year Code to Learn Lesson Library subscription
- 1 - 10-Port USB Charger

DW0403-6 \$2,702.95

**BUY PACK & SAVE**  
**\$492<sup>05</sup>**

**BUY PACK & SAVE**  
**\$445<sup>60</sup>**

**NEW**

**Dash STEAM Bundle**

Inspire your students by bridging coding and robotics with the power of visual expression. This bundle combines six Dash robots, harnesses, dry erase markers, whiteboard mats, and project cards to imagine, code, and display original works of robot-drawn art in your classroom.

- This value bundle includes:
- 6 Dash robots
- 3 Marker harnesses
- 36 Dry erase markers (red, blue, green, orange, purple, black)
- 3 Whiteboard mats
- 3 Erasers
- 3 Sets of project cards

DW001-KIT7 \$2,232.95

**BUY PACK & SAVE**  
**\$116<sup>95</sup>**

**NEW**

**Dash Robot & Sketch Pack Bundle**

Get started with STEAM with this Dash & Sketch Pack bundle, and get creative with robots! This bundle includes:

- 1 Dash robot
- 1 Marker harness
- 6 Dry erase markers (red, blue, green, orange, purple, black)
- 1 Whiteboard mat
- 1 Eraser
- 1 Set of project cards

DW001-SK \$446.95

**BUY PACK & SAVE**  
**\$116<sup>95</sup>**

Suitable for  
years 5-8

SET OF 12  
**\$4,112.95**  
SAVE \$266.45



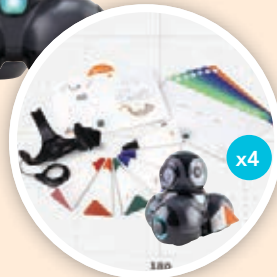
### Cue Robot

Give Cue more advanced capabilities by building powerful programs at the skill level that's right for your students. Easily convert between block-based programming or text-based code. Create dynamic graphical programs to make Cue react to sensor input with lifelike behaviours. With Control mode, you can directly pilot Cue or engage any of the three Emotive AI modes as you seek, avoid or explore. The Cue App takes robotics to the next level. Engage with witty chat, control Cue's movements, create reactive sensor behaviours or code creative interactions. The sky is the limit!

CW001 Each	<b>\$364.95</b>
CW001-4 Set of 4	<b>\$1,351.95</b>
CW001-8 Set of 8	<b>\$2,667.95</b>
CW001-12 Set of 12	<b>\$4,112.95</b>



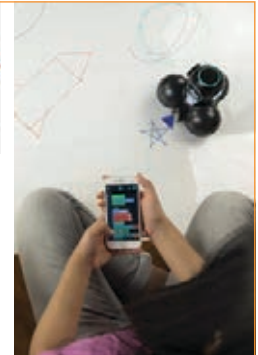
~~\$3,981.35~~  
**\$3,846.95**  
SAVE \$134.40



### Cue Classroom Pack including Sketch Pack

Get creative with Cue in the classroom! This kit includes 8 Cue robots, and 4 Cue Sketch Packs. Each Sketch pack includes 1 marker attachment, 6 dry erase markers, 6 starter cards and a whiteboard mat (measuring 100 x 200cm). Also included is a 10-port USB charger to quickly charge Cue without taking up too much space.

CW001-KIT1 **\$3,846.95**



BUY PACK  
& SAVE  
**\$14.95**

### Cue Sketch Pack

The Sketch Pack (CW711) comes with everything you need to transform your code into robot drawings. Start creating on the Whiteboard Mat with harness accessory for Dash or Cue. Dry erase markers in six classic colours and six project cards to spur imagination are also included. The Sketch Pack includes:

- 1 marker harness
- 6 custom dry erase markers (red, blue, green, orange, purple, black)
- 1 whiteboard mat
- 1 eraser
- 6 project cards

The Sketch Kit (CW111) includes everything but the whiteboard mat and the eraser.

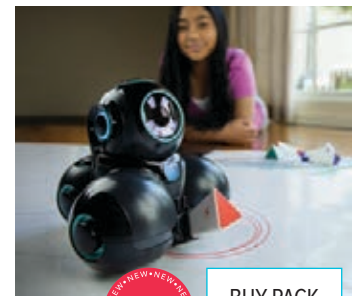
CW711 Complete Kit	<b>\$235.95</b>
CW111 Sketch Kit	<b>\$85.95</b>
CW211 Whiteboard Mat	<b>\$164.95</b>
CW700 Marker Refill – Set of 6	<b>\$26.95</b>



### Cue Robotics Curriculum Student Notebook

These consumable notebooks provide students with a choice of design thinking activities and project ideas. Use as small group or independent practice in conjunction with ten Unit 1: Creative Writing, Applied Robotics Curriculum lesson plans. Suitable for Year 6-8.

CW613 – Set of 24	<b>\$469.95</b>
CW613-6 – Set of 6	<b>\$111.95</b>
CW613-1 – Each	<b>\$18.60</b>



BUY PACK  
& SAVE  
**\$15.95**

### Cue Robot & Sketch Pack Bundle

Get started with STEAM with this Cue & Sketch Pack bundle, and get creative with robots! This bundle includes:

- 1 Cue robot
- 1 Marker harness
- 6 Dry erase markers (red, blue, green, orange, purple, black)
- 1 Whiteboard mat
- 1 Eraser
- 1 Set of project cards

CW001-SK **\$583.95**



**FREE freight on all orders over \$199.** Conditions apply, see website for details.



## Bee-Bot & Blue-Bot

### Blue-Bot – Bluetooth Floor Robot

Blue-Bot is available individually, or in larger sets. Blue-Bot comes with a USB charging cable. The sets of 10 and 15 (TTSB485-10K and TTSB485-15K) also include one and two 10-port USB charger respectively, to make charging a breeze. The most space efficient way of charging!

TTSB485 Blue-Bot	\$234.95
TTSB485-4 Set of 4	\$892.95
TTSB485-6 Set of 6	\$1,257.95
TTSB485-10K Set of 10 & One 10-Port Charger	\$2,185.95
TTSB485-15K Set of 15 & Two 10-Port Charger	\$3,289.95

SET OF 15  
**\$3,289<sup>95</sup>**  
 SAVE \$470.20



#### Key Features:

- Blue-Bot has a clear shell, which makes it possible to see the components inside Blue-Bot. Children can see its buzz!
- Program on the robot itself, or use the Blue-Bot app to program from a distance
- Capable of performing 45 degree turns and you can also include repetitions in your algorithm
- Rechargeable and fits on the standard Bee-Bot Docking Stations (TTSB0358), or use the USB cable provided
- Compatible with Bee-Bot mats
- Memory of up to 200 steps



### Original Bee-Bot

Bee-Bot measures 13 x 10 x 7cm. It has a memory of up to 40 steps, and moves in 15cm increments and with 90 degree turns. Requires 3 'AA' batteries (not included).

TTSB001 Each	\$93.95
TTSB001-6 Set of 6	\$516.95
TTSB001-12 Set of 12	\$939.95
TTSB001-15 Set of 15	\$1,174.95
TTSB001-6K Set of 6 Robots, 20 Batteries & Chargers	\$760.95

#### Key Features:

- Clear and bright buttons
- Makes sounds and flashes eyes to confirm instructions when sequencing
- Memory of up to 40 steps and pause commands
- Robust and child friendly design
- No confusing degree turns to program
- Open-ended learning device
- Small and compact
- Performs 90 degree turn and moves in 15cm steps



SET OF 15  
**\$1,174<sup>95</sup>**  
 SAVE \$234.30

6 X ROBOTS + DOCKING STATION  
**\$1,292<sup>95</sup>**  
 SAVE \$228.70

Charge & store up to 6 Blue-Bots!



### Blue-Bot – Robot & Docking Station Kit

This docking station is not only easy to carry around your setting but is an excellent storage device for a class set of Bee-Bots. It can also be wall mounted with six Blue-Bots or Bee-Bots in situ. You'll be able to charge your Blue/Bee-Bot(s) within half a day for approximately four hours of normal use. Ages 3+ years

TTSB485K 6 x robot + docking station	\$1,292.95
TTSB0358 Docking station only	\$111.95



### Rechargeable Bee-Bot

New and improved, Bee-Bot is now rechargeable! Children can learn easy programming skills while setting Bee-Bot's course, as well as designing their own adventures for Bee-Bot to take part in. With a wealth of accessories available, Bee-Bot can benefit any areas of learning. Supplied with USB lead, Bee-Bot can either be recharged via your computer or a wall socket with a USB mains adaptor.

TTSB0363 Each	\$158.95
TTSB0363-6 Set of 6	\$904.95
TTSB0363-12 Set of 12	\$1,808.95



Bee-Bot & Blue-Bot Accessories



**NEW**

**Bee-Bot & Blue-Bot Pen Holders**

Now Bee-Bot can draw! Simply click on the shell, place a pen in the pen holder and off you go. This set of 6 rainbow coloured shells are made from a high-quality plastic that is designed to withstand everyday school life.

TTSB0105 Set of 6 \$43.65



**NEW**

**Bee-Bot & Blue-Bot Bulldozers**

Push objects from one destination to another with this set of clip-on Bee-Bot & Blue-Bot Pushers. Rainbow coloured. Set of 6

TTSB0112 Set of 6 \$43.65



**NEW**

**Bee-Bot & Blue-Bot Trailer**

This easy to use trailer is great for incorporating role play and retrieval exercises into your lessons. Although limited to 90 degree turns at a time (Bee-Bot & Blue Bot turning circle), the trailer still enables Bee-Bots & Blue Bots to tow objects with ease.

TTSB1100 Each \$45.45




**NEW**

**Bee-Bot & Blue-Bot Obstacle Course**

Students learn to program through the Bee-Bot & Blue Bot obstacle course. This set includes 10 wall pieces, 6 doorways, and 2 arches to allow for variation and progression lesson to lesson.

TTSB0113 Set \$206.95



**NEW**

**Bee-Bot & Blue-Bot Robot Sensor**

Use this Robot Sensor to add interactivity and engagement to your programming challenges. The sensor will detect movement up to 15cm in front of it and play audio which can be pre-recorded by the students. Movement will also trigger an LED to turn on which is on an extended stalk to act as a street light.

TTSB0101 Each \$57.45



**NEW**

**Bee-Bot & Blue-Bot Robot Sensor Fronts**

Transform your Robot Sensor into a market stall or a shop with this pack of 10 sensor fronts. Designed to make your programming challenge more interactive, these fronts are ideal to be used alongside your range of Bee-Bot/Blue-Bot Mats. Robot Sensor is required and not included.

TTSB0132 Pack of 10 \$28.70

**Cubetto**



**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).

SET OF 10  
**\$3,759<sup>95</sup>**  
 SAVE \$589.55



<b>CUB001</b> Each	<b>\$434.95</b>
<b>CUB001-5</b> Set of 5	<b>\$1,997.95</b>
<b>CUB001-10</b> Set of 10	<b>\$3,759.95</b>



**Cubetto Classroom Solutions**

Add more educational fun and challenging adventures to your Cubetto playtime with these classroom kits. Designed to keep you going over and over again, these kits are suitable for small groups or complete classes.

<b>CUB001-KIT1</b> Complete Classroom Solution	<b>\$2,937.95</b>
<b>CUB007K</b> Robot & Maps & Story Book Kit	<b>\$622.95</b>
<b>CUB008K</b> 5x Robots & Maps & Story Book Kit	<b>\$2,349.95</b>

**CUB001-KIT1**

- 5x Cubetto
- 1x Egypt Map and Story Book
- 1x Space Map and Story Book
- 1x Ocean Map and Story Book
- 1x City Map and Story Book
- 1x Polar Expedition Map & Story Book
- 1x Swamy Swamp Map & Story Book
- 2x Logic Blocks
- 2x Directional Blocks
- 8x Set of 4 rechargeable batteries & chargers



**CUB007K**

- 1x Cubetto
- 1x Egypt Map and Story Book
- 1x Space Map and Story Book
- 1x Ocean Map and Story Book
- 1x City Map and Story Book

**CUB008K**

- 5x Cubetto
- 1x Egypt Map and Story Book
- 1x Space Map and Story Book
- 1x Ocean Map and Story Book
- 1x City Map and Story Book

**CUB001-KIT1**  
**\$2,937<sup>95</sup>**  
 SAVE \$401.90

x5

x2

x8



**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.

<b>CUB002</b> Set of 16	<b>\$62.95</b>
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**Cubetto Logic Blocks**

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

<b>CUB005</b> Set of 12 Blocks	<b>\$58.95</b>
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# Build 6 different models and explore six storylines and scenarios



SET OF 12  
**\$1,292<sup>95</sup>**  
 SAVE \$122.45



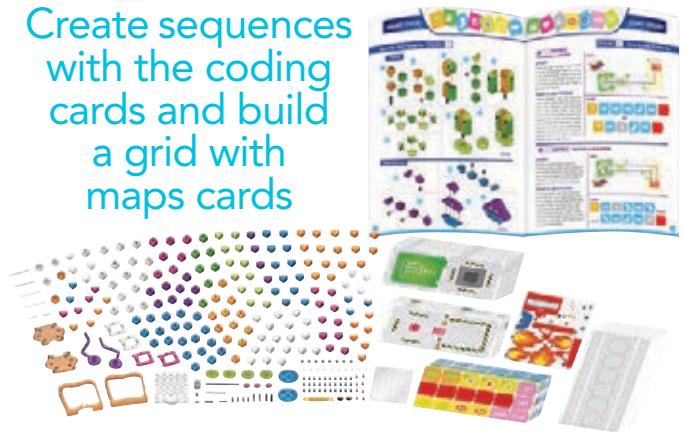
## Sammy the First Coding Robot

Sammy is packed with sensors and motors, sound and light output and with integrated output gears to make it possible to move in different directions, light up its LED, play sounds and respond to different function cards. Build simple robotic creations with moving arms or other moving parts. Teach students about sequences, loops, functions, conditions, algorithms and variables. Six different storylines are included, each with a series of model-building and coding lessons.

This robot includes: 30 story cards, 120 coding cards, 19 double-sized map cards, 1 Base Unit, and an assortment of blocks, to build up to 38 different models in 6 different themes. It requires 3 AA batteries (not included). The coding cards include start, stop, move (forward, backwards, left/right, spin), output gear turn to make the arms move, sound cards, light up cards, and number cards to repeat functions.

GG7442 Each	\$117.95
GG7442-4 Set of 4	\$446.95
GG7442-8 Set of 8	\$881.95
GG7442-12 Set of 12	\$1,292.95

Create sequences with the coding cards and build a grid with maps cards



4 SETS  
**\$446<sup>95</sup>**  
 SAVE \$24.85

## Code & Go Robot Mouse STEM Activity Set

Build your maze, and then use the coding cards to create a step-by-step path for Colby, the Robot Mouse. Program the sequence of steps, and then watch Colby race to find the cheese! This deluxe set is the perfect hands-on introduction to coding concepts. Colby measures 7.5cm approximately.

LER2831 Each set	\$117.95
LER2831-4 4 sets	\$446.95



## Code & Go Robot Mouse Maths Pack

This maths activity set incorporates coding concepts into everyday lessons in sequencing, counting and more. Play around with numbers using the set's interactive cards, dice, and double-sided number board. Includes Activity Guide with levelled activities. Robot Mouse not included.

LER2861	\$46.95
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**FREE freight on all orders over \$199.** Conditions apply, see website for details.



## Pro-Bot & Artie the Drawing Robot



SET OF 15  
**\$3,877<sup>95</sup>**  
 SAVE \$531.30



### Robot Camera Mount

Fix any camera to your Pro-Bot robot and film what your robot sees. A universal camera mount made from a durable plastic with a metal screw thread. Please note: Pro-Bot is not included.

TTS10004

\$11.70

### Pro-Bot

**Pro-Bot is now rechargeable!** Pro-Bot is compatible with K'NEX and accepts standard felt pens. The backup memory uses lithium battery (supplied). Ages 6+ years

TTSP0535	Each	\$293.95
TTSP0535-4	Set of 4	\$1,104.95
TTSP0535-8	Set of 8	\$2,114.95
TTSP0535-15	Set of 15	\$3,877.95

### Key Features:

The Pro-Bot is now rechargeable. Pro-Bot features a bright LCD screen and has an attractive and bright car design.

- Introduce distance for movement and degrees for turns
- Sensors: Fully functional headlights using light sensors and bumper sensor to provide strong grounding in robotics concepts
- 4 locator points on the body allows the use of K'NEX®

### Key Features

- Programmable robot draws whatever you code on any sheet of paper
- Includes WIFI-enable drawing robot
- Drag and drop visual programming software
- 4 coloured markers
- Quick start guide
- Comes pre-programmed with shapes and games, or write your own custom code
- Requires 4 AA batteries (not included)



SET OF 8  
**\$862<sup>95</sup>**  
 SAVE \$149.15

### Artie - the Drawing Robot

You write the code and Artie 3000™ draws the lines! Easy to learn and cool to create with, Artie 3000 also comes ready to draw with pre-programmed designs, shapes, and games.

LER1125	Each	\$126.45
LER1125-4	Each	\$459.95
LER1125-8	Each	\$862.45





### Sphero BOLT

The new Sphero BOLT comes with a colourful and animated 8x8 LED matrix which is fully programmable and easy on the eyes. Watch it bring your programs to life and display real-time data! BOLT to BOLT infrared communication allows for new games and advanced movements like swarming. Auto-aim your robot thanks to the built-in compass. Programmable sensors including infrared, compass, light sensor, gyroscope, accelerometer and motor encoders.

MG002 Each

\$278.95



### Sphero BOLT Edu Power Pack 15-Pack

The BOLT Power Pack lets you charge, store, and carry Sphero BOLT robots times 15. Built with an integrated cooling system, your robots can charge safely all from one place. Included:

- 15 Sphero BOLT Robots and Charging Cradles
- 15 Maze Tapes and Protractors
- 15 Clear Turbo Covers
- Charging and Storage Case (58.4 x 35.6 x 22.9cm)
- Power Cable
- Quick Start Guide

MG002-15P Each

\$4,486.95



MG002-15CH  
**\$3,383<sup>95</sup>**  
 SAVE \$163.90

Two 10-port USB chargers included with MG002-15CH



### Sphero BOLT Education 15-Pack

The Sphero BOLT 15 pack contains everything you need to get started teaching robotics and the fundamentals of programming, and then some. Electrify your class, club, or program with BOLT and Sphero Edu and get started with a 15 pack. The Edu 15-Pack includes:

- 15 Sphero BOLT robots
- 124 Stickers
- 15 Charging Cradles and USB cables
- Quick Start Guide
- 15 Protractors

MG002-15 Education 15 pack

\$3,311.95

MG002-15CH Education 15 pack plus 2x 10-port USB charger \$3,383.95



### Sphero SPRK+ Edition

The Sphero SPRK+ comes with inductive charging base with USB charging cable, maze tape, 360 degree protractor, sticker sheet and quick start guide. The Sphero SPRK Lightning app allows you to collaborate with other users around the globe to innovate the world of education and empower anyone to program.

MG001 Each

\$234.95

Includes power pack



### Sphero SPRK+ Edition - Power Pack

The SPRK+ Power Pack™ lets you charge, store, and carry SPRK+ robots by the dozen. Built with an integrated cooling system, your robots can charge safely all from one place. Included with the Power Pack are 12 shiny new SPRK+ robots, 12 Turbo Covers, 12x maze tape and protractors, so the activities can get started anytime, anywhere. Also included are 2 classroom posters, 172 stickers and a quick start guide. For full specifications, please visit our website.

MG0012 Each

\$3,430.95



MG005-CH  
**\$2,299<sup>95</sup>**  
 SAVE \$62.95

Included with MG005-CH



### Sphero SPRK+ Edition - Education 12 Pack

This pack of 12 Sphero SPRK+ robots is especially designed for educators. Included in each set are 12 inductive charging bases with USB charging cables, 12x maze tape, 360 degree protractors and sticker sheets. MG005-CH also includes a 10-Port USB charger.

MG005 Education 12 pack

\$2,244.95

MG005-CH Education 12 pack plus 10-port charger

\$2,299.95

No further discounts or promotions apply.



**FREE freight on all orders over \$199.** Conditions apply, see website for details.



## FlipRobot

actura

### FlipRobot E300 Starter Kit

Innovative robotic architecture and design, combined with its ultrasonic and infrared sensors, the E300 Starter Kit inspires students to develop higher order thinking skills and apply robotic concepts to real world scenarios. Encompassing creativity, design thinking, and computational thinking, E300 is built to deliver the CASE Robotic Curriculum and empower students to embrace and lead innovation

<b>ACU300</b> Starter Kit incl AU Curriculum	<b>\$160.95</b>
<b>ACU300-5</b> Starter Kit - Set of 5	<b>\$775.95</b>
<b>ACU300-10</b> Starter Kit - Set of 10	<b>\$1,527.95</b>
<b>ACU300-15</b> Starter Kit - Set of 15	<b>\$2,232.95</b>

SET OF 15  
**\$2,232<sup>95</sup>**  
 SAVE \$181.30



### Comprehensive Curriculum: Fliprobot

- Digital Technologies syllabus (Year 7-8)
- Design and Technology syllabus (Year 7-8)
- Science and Technology syllabus (Year 5-6)
- Program designs mapped with ACARA learning outcomes
- Teaching resources and materials (including learning and activity sheets, powerpoint slides, and coding samples)

### Comprehensive Curriculum:

- Multi-year curriculum encompassing more than 60 topics
- Over 100 hours of teaching materials in each year

## Endless Expandability with Extension Kits



### FlipRobot Add-On Kit – Insect Limbed Robot



Insect Limbed Robot instills engineering creativity and artificial intelligence with flexible limb designs and dynamic light sensors. Students can navigate the Insect Limbed Robot through challenging terrains, by mimicking movements from the animal kingdom.

**ACU131** Each **\$91.95**

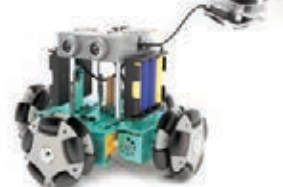


### FlipRobot Add-On Kit – Air Piano



Students will learn to create music by utilising ultrasonic sensors, LED lights, and servo-motor. Students will also experience human and robot interactions by playing the Air Piano, then using creativity and computational thinking to program and play a melody of their own design.

**ACU141** Each **\$123.95**



### FlipRobot Add-On Kit – Little Artist



Students will discover the applications of omni-directional wheels for enhanced mobility. By applying the coordinate system concept in coding, students can unleash their artistic creativity and program FlipRobot to draw their very own masterpiece.

**ACU151** Each **\$209.95**

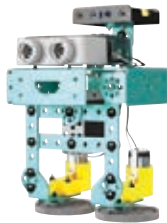


### FlipRobot Add-On Kit – Household Cleaner



Students will explore the practical applications of robotics by creating a home cleaner powered by artificial intelligence. Equipped with dual microswitches, Smart Household Robot allows students to utilise problem-solving skills to design efficient routes and program it to perform autonomous cleaning tasks.

**ACU161** Each **\$97.95**

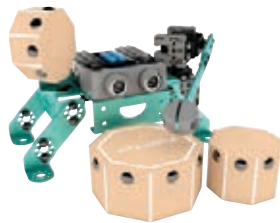


### FlipRobot Add-On Kit – Dancing Robot



Start the journey in learning the world of bionics by programming unique bipedal movements. Learn the applications for speed and power, and program and problem solve issues with the Dancing Robot, by using FlipCode and FlipRAS to complete challenges.

**ACU118** Each **\$94.25**

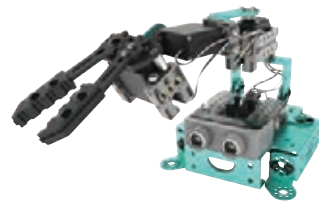


### FlipRobot Add-On Kit – Little Drummer



Students can form a band with robots to unleash their musical talent and creativity. Learn about how sound is created and transmitted, the horizontal and vertical movements of servo motors, and robotic applications in playing percussion music.

**ACU218** Each **\$136.80**

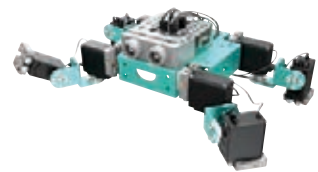


### FlipRobot Add-On Kit – Robotic Arm



Students will learn and apply the robotic arm mechanics to create solutions to real life challenges. Students will learn about robotic arm mechanics, and robotic arm industrial applications, also to program and control robotic arm to move objects, and to advance human productivity.

**ACU318** Each **\$241.45**



### FlipRobot Add-On Kit – Bionic Quadruped

Transform FlipRobot into an advanced animal-like robot. Through intuitive servo motor graphical programming, students can expand their creativity and bring the robot to life by designing complex robot movement with ease.

**ACU418** Each **\$417.40**



### Ozobot Evo

Ozobot EVO is the newest generation, award-winning smart miniature robot that bridges digital and physical World, through coding, creative play and gaming activities. From paper projects to colour codes, Evo inspires future artists and engineers. Go screen-free when you command Evo with colour codes.

<b>OZ001B</b> Ozobot Evo Starter Pack - Titanium Black	<b>\$223.95</b>
<b>OZ001W</b> Ozobot Evo Starter Pack - Crystal White	<b>\$223.95</b>
<b>OZ001CK</b> Ozobot Evo Classroom Kit	<b>\$2,819.95</b>

#### Ozobot Evo's specifications:

- Bluetooth® Smart (30 ft. range)
- Proximity sensors for obstacle detection
- Optical sensors for detecting lines and color codes
- LED lights
- Built-in speaker
- Strong polycarbonate shell
- Automatic firmware updates
- Regular app updates with new features and games
- Rechargeable LiPo battery (60 min. charge time)



#### Included in the Starter Kit:

- Evo Robot
- Evo Experience Pack
- OzoSkin
- 4 Colour Code Markers
- Carrying Pouch
- USB Charging Cable
- Quick Start Guide

#### Included in the Classroom Kit:

- 12x Evo robots
- 1x Educator's Guide
- 12x Color Code Charts
- 1x OzoBlockly Get Started Guide
- 1x Tips Sheet
- 1x Log Sheet
- 1x Ozobot Drivers Ed Activity
- 20x student certificates
- 2x multi-port USB chargers
- 12x DIY skins
- 1x Evo storage case
- 1x Classroom Kit bin



### Ozobot Bit 2.0

Expand your students' horizons with the help of Ozobot Bit, the tiny Robot. There is no end to the possibilities, as your child creates a different landscape of adventures, games and coding with Ozobot Bit. Imagine, a learning toy that opens the doors of computer science, STEM Education, robotics and coding, making your child one step ahead of the learning curve in school and in life.

<b>OZ002DP</b> Dual Pack – One White & One Black Bit 2.0	<b>\$223.95</b>
<b>OZ002W</b> Crystal White - Single Ozobot Bit 2.0	<b>\$117.95</b>
<b>OZ002B</b> Titanium Black - Single Ozobot Bit 2.0	<b>\$117.95</b>
<b>OZ002CK</b> Classroom Kit Ozobot Bit 2.0	<b>\$2,819.95</b>

#### Ozobot Bit 2.0 Tech Specs:

- Optical sensors\* for detecting lines and colour codes
  - LED light\*
  - Strong polycarbonate shell
  - Rechargeable LiPo battery (60 min. charge time)
- \* Program these Bit features and more with OzoBlockly!*



#### Included in the Starter Kit:

- 1x Bit 2.0 robot
- 4x colour code markers
- 2x OzoSkins
- 1x Activity Pack (with 25 STEAM activities)
- DIY stickers and pop-outs
- Quick Start Guide
- USB charging cable

#### Included in the Classroom Kit:

- 18x Ozobots Bit 2.0
- 18x Ozobot DIY Skins
- 18x Ozobot Colour Markers 4 Pack
- 18x Ozocode Sheets
- 1x Teachers Guide
- 1x Getting Started with Ozoblocky Guide
- 1x Tips an Tricks sheet
- 1x Ozobot Log Sheet
- 1x Ozo Bowling - Activity Sheets and Bowling Pins
- 3x 6 Port USB Chargers
- 1x Ozobot Storage Box
- 1x Ozobot Kit Storage Box.

No further discounts or promotions apply.



**FREE freight on all orders over \$199.** Conditions apply, see website for details.



Photon



Photon Robot

Photon comes with a wealth of sensors and motors, which creates a wide range of capabilities to create creative scenarios. Photon can detect light, sound and obstacles, communicate with other robots, measure the travelled distance, and measure the rotation angle. It has LED backlights in the eyes and antennas, can create unique sounds, detect the colour of the ground it moves on (white and black) and can move a programmed sequence of a route, while at the same time interact with the environment. The battery life is up to 8 hours, with a 2 hour and 45 minute charge via USB.

PH001 Each	\$440.95
PH001-5 Set of 5	\$2,114.95
PH001-10 Set of 10	\$4,112.95

SET OF 10  
**\$4,112.95**  
 SAVE \$296.55



Best teacher's assistant

Photon is not meant to take up play time, or replace any traditional teaching methods, but to be a tool to enhance a child's learning experience and inspire a new generation of coders. All you need is a mobile device to support the Photon EDU application to deliver The Photon Curriculum that has been prepared just for you. In the design phase, Photon was conceived to be adaptable and dynamic – imicking the stringent requirements of the fast-paced education industry – efficient in almost learning any subjects, from science, math and language to associative memory and spatial awareness.



Curriculum built by teachers. For teachers.

Photon comes with a teaching guide which caters to three different age groups, each structured to last an entire school term. These are carefully designed by child psychologists, educational policy makers and teachers. Every lesson plan is compliant with international industry standards and intended to simplify the process of conveying information to children. Adding Photon's Educational Mat and Flashcards facilitates learning process and transfers reality from the app to the classroom.

PH049 Educational Mat	\$117.95
PH056 Flashcards	\$35.95
PH070 Lesson Plans Level A	\$23.40
PH087 Lesson Plans Level B	\$23.40
PH094 Lesson Plans Level C	\$23.40



Photon Magic Dongle

Photon Magic Dongle together with Magic Bridge App allows to operate up to 8 Photons from each computer in the classroom. It enables use of popular programming tools like Scratch, Javascript or Python and even interactive whiteboard while learning with robot.

PH100 Each	\$41.95
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Computer integration - tools compatible with Photon

Use the power of possibilities of the most advanced programming tools for students





**NEW**

~~\$1,879.50~~  
**\$1,785.95**  
SAVE \$93.55

Compatible with micro:bit

**MaxBot**

The MaxBot is the micro:bit compatible robot that will help your students to excel in robotics and programming. With the accompanying project based learning resources your class will be experts in the field of coding and technology. MaxBot comes equipped with 10+ programmable modules, including ultrasonic sensors, IR sensors, motors and more.

DFR147 Each	\$187.95
DFR147-5 Set of 5	\$892.95
DFR147-10 Set of 10	\$1,785.95



SET OF 15 & 3 EDMATS  
**\$1,409.95**  
SAVE \$206.15

**Edison Robot v2**

Edison is well equipped with sensors and actuators for teaching educational robotics.

EDM001-V2 Single Robot	\$93.95
EDM001V2-2 Set of 2	\$178.95
EDM001V2-3 Set of 3	\$267.95
EDM001V2-5 Set of 5	\$422.95
EDM001V2-10 Set of 10 & 2 Edmats	\$1,010.95
EDM001V2-15 Set of 15 & 3 Edmats	\$1,409.95



**EdMat – Edison Robotics Activity Mat A1 Size**

The EdMat is an A1 size (59 x 84cm) robot activity mat and has 6 barcodes that activate Edison's pre-programmed features and a track for Edison to follow. The track can also be used for 'bounce in borders' and 'sumo wrestling'.

EDM002M	\$68.95
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**FREE freight on all orders over \$199.** Conditions apply, see website for details.



SAM Labs



## Discover the fun of STEAM and coding in your classroom!

SAM Labs includes curriculum-aligned lesson plans in STEAM and coding, intuitive visual flow-based or blockly-based apps and wireless electronic blocks that connect seamlessly to solve stimulating challenges. Each electronic block has a personality of their own, from lights to motors to sliders to buzzers, every Bluetooth enabled block can connect to the others via the app to do something different. Students can use SAM Labs to design, write and debug programs, applying sequencing, selection and iteration, while using logical reasoning.

### Why SAM Labs?

- Curriculum aligned lesson plans and projects
- Easy to install, wireless Bluetooth SAM Blocks that are made to last
- Fun and interactive way to bring coding to life
- Versatile technology that can be used across a variety of subjects
- Design algorithms and programs, use logical reasoning and computational thinking, control and simulate physical systems
- Mac, iOS, Android, Windows and Chromebook compatible
- Connect SAM Labs to other platforms such as Sphero, micro:bit, Makey Makey and much more!



Number of recommended students per kit: 30

### SAM Labs – SAM Classroom Kit

The Classroom Kit is ideal for up to 30 students, and includes 10 sets of 4 SAM Labs blocks, so the entire classroom can work on the same project at the same time, in smaller groups of 3 students. Also included is a large variety of accessories.

SL006

\$2,056.95

### Kit Includes

- 20 x DC Motor
- 10 x Light Sensor
- 10 x RGB Light
- 1 x Proximity Sensor
- 20 x Wheel
- 10 x SAM Car Chassis

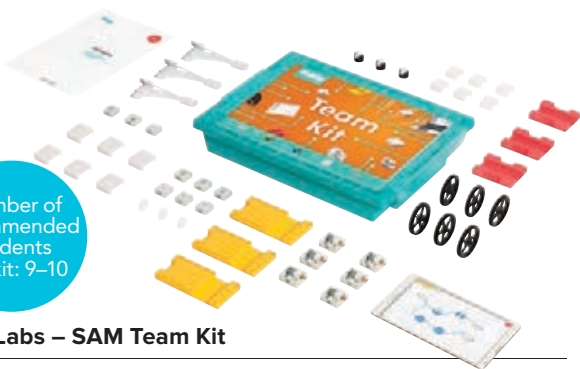
- 10 x SAM Controller
- 10 x Roller Ball
- 10 x LEGO Gear Attachment
- 20 x Small LEGO Holder
- 20 x Large LEGO Holder
- 10 x Multi Micro USB Charging Cable
- 10 x Bluetooth 4.0 Dongle
- 1 x Getting Started Guide



### Kit Includes

- 6 x DC Motor
- 3 x Light Sensor
- 3 x RGB Light
- 6 x Wheel
- 3 x SAM Car Chassis

- 3 x SAM Controller
- 1 x Roller Ball
- 3 x LEGO Gear Attachment
- 6 x Small LEGO Holder
- 6 x Large LEGO Holder
- 3 x Multi Micro USB Charging Cable
- 3 x Bluetooth 4.0 Dongle



Number of recommended students per kit: 9-10

### SAM Labs – SAM Team Kit

The Team Kit is for up to 10 students, and includes 3 sets of 4 SAM Labs blocks. Also included is a variety of accessories.

SL005

\$704.95

### Kit Includes

- 2 x DC Motor
- 1 x Light Sensor
- 1 x RGB Light
- 2 x Wheel
- 1 x SAM Car Chassis

- 1 x SAM Controller
- 1 x Roller Ball
- 1 x LEGO Gear Attachment
- 2 x Small LEGO Holder
- 2 x Large LEGO Holder
- 1 x Multi Micro USB Charging Cable
- 1 x Bluetooth 4.0 Dongle



Number of recommended students per kit: 2-3

### SAM Labs – SAM Alpha Kit

A versatile, fun and intuitive introductory kit for up to 3 students. Includes 4 SAM Lab blocks and a variety of accessories.

SL004

\$234.95

**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 \$211.95
- MB3001-5 Set of 5 \$1,004.95
- MB3001-10 Set of 10 \$1,997.95





**Makeblock Neuron Creative Lab Kit**

This kit includes over 30 electronic modules. Together, they cover a very wide range of functions, such as an LED display, camera, ultrasonic sensor, motor, laser and much more. It offers students even more scope to create and invent new applications. Please refer to our website for a full list of included modules.

MB30021 \$1,233.95



**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 \$587.95



Bring STEAM learning to the classroom



**littleBits LED Matrix**

The LED matrix is a colourful display that you can control using code or other Bits. Set it to SIGNAL mode to play with preset programs, or switch it to SERIAL mode to program your own graphics with the codeBit.

LIB028 \$129.95

**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 \$646.95





**littleBits CodeBit**

The codeBit allows you to program how your Bits work. Using the littleBits Code Kit app you can command this Bit to create unique sounds, movements, and animations. Wirelessly upload code from your computer to your codeBit with the dongle.

LIB153 \$152.95

## Squishy Circuits & Circuit Scribe



### Squishy Circuit Standard Kit

The standard kit includes everything you need to get started with some more advanced Squishy Circuits projects that use LEDs, buzzers, and insulating dough!

Contents:

- 1 x Battery Holder
- 1 x Piezoelectric Buzzer
- 25 x LEDs (5 each of Red, Green, White, Yellow, Blue)
- 1 x 3.5oz Container of Insulating Dough
- 3 x 3.5oz Containers of Conductive Dough (in Red, Green, and Blue)

EL9350

\$76.95



### Squishy Circuit Deluxe Kit

The deluxe kit is our most complete Squishy Circuits kit. It comes with more items than the standard kit and comes with pre-made doughs so you can start circuit building right away! This kit also includes a deluxe battery holder, which has a knob that allows your lights to blink and buzzers to beep at different speeds.

Contents:

- 1 x Deluxe Battery Holder
- 1 x Piezoelectric Buzzer
- 1 x Motor with Fan
- 1 x Mechanical Buzzer
- 1 x Switch
- 40 x LEDs (5 each of Red, Green, White, Yellow, Blue, Purple, Orange, and Colour Changing)
- 1 x Set of Dough Sculpting Tools
- 1 x Rolling Pin
- 1 x 7-Ounce Container of White Insulating Dough
- 7 x 7-Ounce Containers of Conductive Dough (in Red, Blue, and Green, Yellow, Orange, Purple, and Black)

EL9352

\$164.95

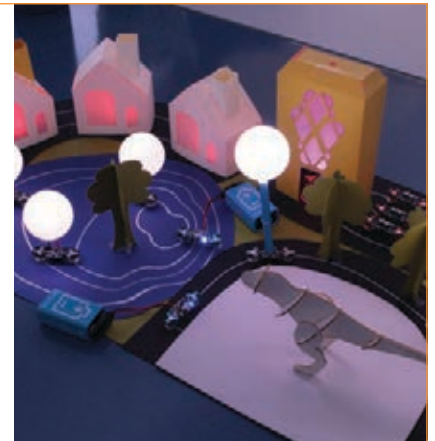


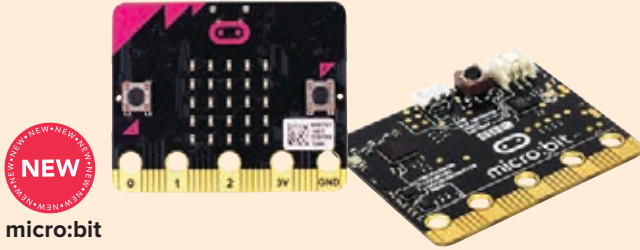
### Circuit Scribe Ultimate Kit – 16 Modules & 10 Connecting Cables

Everything you need to create dynamic and fun paper circuits. The kit features 10 magnetic connection cables that 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

\$211.95

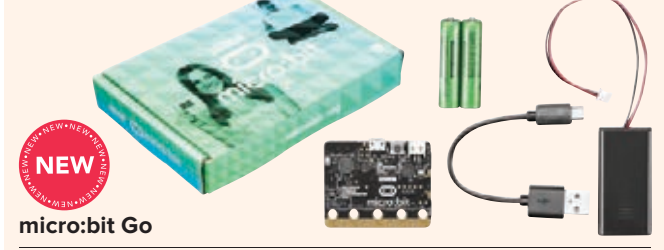




**micro:bit**

The micro:bit computer is a small yet engaging platform for students of any coding experience, from beginner to advanced. This contains just the micro:bit itself and a Quick Start Guide (requires a USB cable for programming purposes, a battery holder & 2x AAA batteries to power your BBC micro:bit if not connected to your computer – sold separately).

ELE8764 Each **\$30.95**



**micro:bit Go**

micro:bit Go includes all the basics that you need to get coding straight away. Each Micro:bit Go contains 1x micro:bit, 1x USB Cable, battery holder and 2x AAA batteries, and a Quick Start Guide. The micro:bit Bundle Pack of 10 includes 10 times the micro:bit Go, making it the perfect pack for any classroom.

ELE8765 Each **\$35.95**  
 ELE8766 Bundle pack of 10 **\$281.95**



**Grove Inventor Kit for micro:bit**

The Grove Inventor kit for micro:bit brings endless possibilities to your micro:bit. The Grove shield for micro:bit makes it easy to connect your micro:bit to all of the grove components, including sensors, displays and actuators. Please note: micro: bit is not included in GRV0762, but is included in GRV0762K and GRV0762-10K.

GRV0762 Inventor Kit **\$117.95**  
 GRV0762K Inventor Kit & micro:bit **\$129.95**  
 GRV0762-10K 10 Inventor Kits & 10 micro:bit **\$1,292.95**

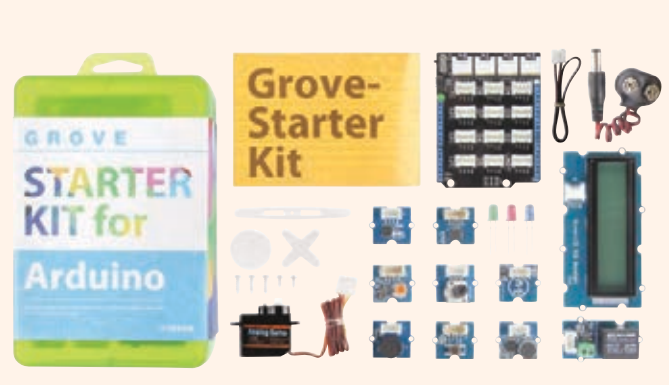


~~\$1,308.95~~  
**\$1,292.95**  
 SAVE \$250.50

- Kit includes:**
- Grove Shield for Micro:bit
  - Grove Rotary Angle Sensor
  - Grove Speaker
  - Grove Ultrasonic Ranger
  - Grove Light Sensor v1.2
  - Grove WS2812 Waterproof LED Strip – 30 LEDs 1 meter
  - Grove Gesture
  - Grove 4-Digit Display
  - Grove Red LED
  - Micro USB Cable – 48cm
  - 12 Projects Manual
  - Alligator Cable
  - Grove Cable

**Grove – Starter Kit for Arduino**

This Grove – Starter Kit for Arduino is a perfect starter kit for Arduino beginners. It includes a Base Shield which has many Grove connectors on board, twelve Grove modules that covers most functions needed by a beginner and a very helpful user manual that can help you get started quickly. Please note: this kit does not include Arduino, which is required to use the kit.



GRV6024 **\$95.95**

- Included:**
- Base Shield
  - LCD RGB Backlight
  - Smart Relay
  - Buzzer
  - Sound Sensor
  - Touch Sensor
  - Rotary Angle Sensor
  - Temperature Sensor
  - LED
  - Light Sensor
  - Button
  - DIP LED Blue-Blue
  - DIP LED Green-Green
  - DIP LED Red-Red
  - Mini Servo

**Grove Smart Plant Care Kit For Arduino**

To keep the indoor plants alive and robust is not an easy task. Plants are like people, they need nutritious soil, right temperature, adequate sunshine and water. Many electronics beginners who are getting started with Arduino and love planting would start their first project of making a plant growing system. Here we provide one-stop solution to build up your own plant care system. Please note: this kit does not include Arduino, which is required to use the kit.



GRV6130 **\$140.95**

- Included:**
- Base shield
  - Temperature & Humidity Sensor
  - Moisture Sensor
  - Sunlight Sensor
  - OLED Display 0.96"
  - Encoder
  - Button
  - Relay
  - Water Flow Sensor
  - 12V Water Pump



**FREE freight on all orders over \$199.** Conditions apply, see website for details.



**Boson**



**NEW**

**Boson – Expansion Board for micro:bit**

The expansion board for micro:bit allows you to hook up all your Boson modules to micro:bit. This makes your Boson modules programmable! micro:bit is not included and sold separately.

DFR521 \$21.10

~~\$148.90~~  
**\$140.95**  
SAVE \$7.95



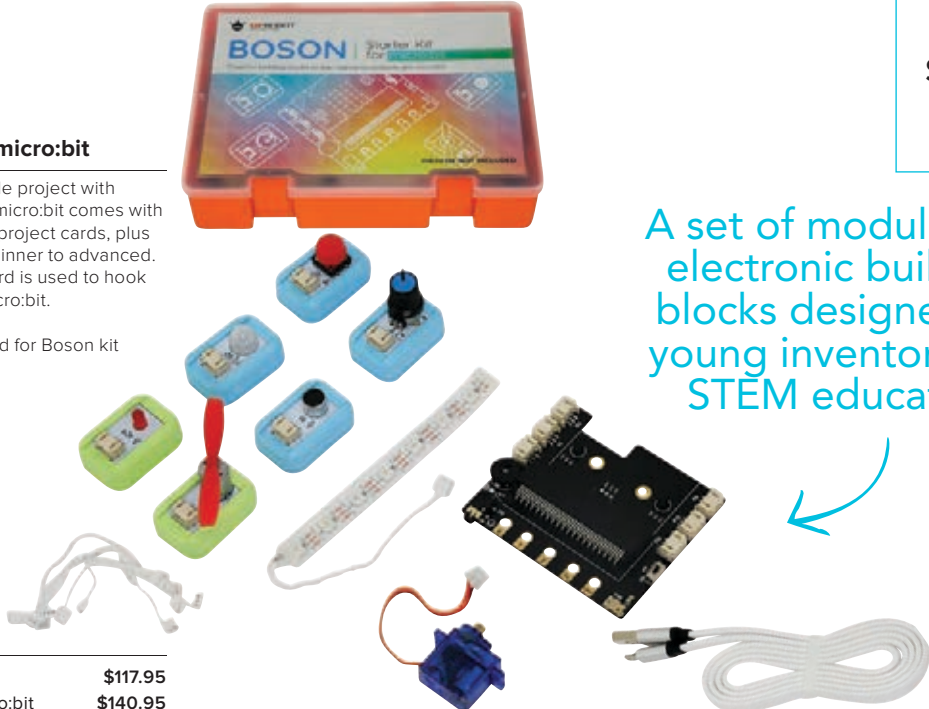
**Boson Starter Kit for micro:bit**

Build your own programmable project with micro:bit! The Starter Kit for micro:bit comes with 8 modules and 4 quick start project cards, plus a 12-project tutorial from beginner to advanced. The micro:bit expansion board is used to hook up the Boson modules to micro:bit.

Content:

- 1x micro:bit expansion board for Boson kit
- 1x Red Push Button
- 1x Red LED Light
- 1x Rotation sensor
- 1x Sound Sensor
- 1x Motion sensor
- 1x Mini Fan Module
- 1x Mini Servo
- 1x RGB LED strip
- 1x Micro USB Cable
- 1x 3-Pin Cable (Long)
- 1x 3-Pin Cable (Medium)
- 1x 3-Pin Cable (Short)
- 1x Quick Start Guide

DFR086 Starter Kit \$117.95  
DFR086K Starter Kit & micro:bit \$140.95



A set of modularised electronic building blocks designed for young inventors and STEM educators



**Boson Science Kit**

The Boson Science Kit includes 8 scientific sensors that are most widely used in modern IoT applications, for physics, chemistry and biology. It includes activity cards to start your scientific exploration on 8 different topics. The plug and play monitor shows instant results and measurements.

Sensor:

- 1x Light sensor
- 1x Humidity sensor
- 1x Soil moisture sensor
- 1x Temperature sensor
- 1x Waterproof temperature sensor
- 1x pH sensor
- 1x Conductivity sensor
- 1x Heart rate monitor
- Display: OLED display module
- Power: 1x Mainboard 110
- Mainboard 3IO, 1x 3xAAA Battery
- Holder
- Cables, screw pack and Velcro pack

DFR034 \$246.95



Find all Boson sensors input and output modules on our website



**Boson**  
– Tilt Sensor – Input  
DFR005 \$11.70



**Boson**  
– Humidity Sensor – Input  
DFR041 \$29.30



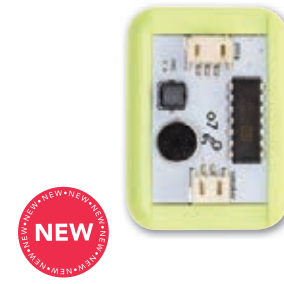
**Boson – Conductivity**  
Sensor – Input  
DFR012 \$11.70



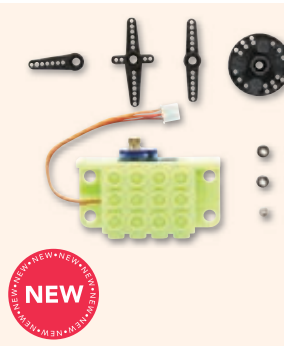
**Boson – Soil Moisture**  
Sensor – Input  
DFR038 \$11.70



**Boson – OLED Module**  
– Output  
DFR044 \$58.95



**Boson – Voice Recorder**  
Module – Output  
DFR022 \$21.10



**Boson – Servo Module**  
– Output  
DFR025 \$23.40



**Boson – Multicolour**  
String Light – Output  
DFR019 \$29.30



**Learning Lab**  
– Robotics Workshop for micro:bit

The Robotics Workshop set for micro:bit includes 259 components to build 18 models and 4 creative works. The set can be used with micro:bit (not included and sold separately), and – in addition to the micro:bit visual coding software – can also be used with the JavaScript Blocks Editor and MicroPython. The set includes a student book and teacher guide (download online). With all motors and sensors included, students will combine engineering and learning about mechanical structures, transmissions and sensing principles with coding and programming\*.

GG1269 Each \$211.95  
GG1269K Set of 4 \$803.95

\*Please note: micro:bit is not included and sold separately, see p. 17 for more information.

~~\$847.80~~  
**\$803.95**  
SAVE \$43.85

The ideal STEM resource, combining all elements of learning with room for creativity of the individual student

Combine engineering and design with micro:bit to create models that you can program!



**FREE freight on all orders over \$199.** Conditions apply, see website for details.



Makey Makey & Osmo

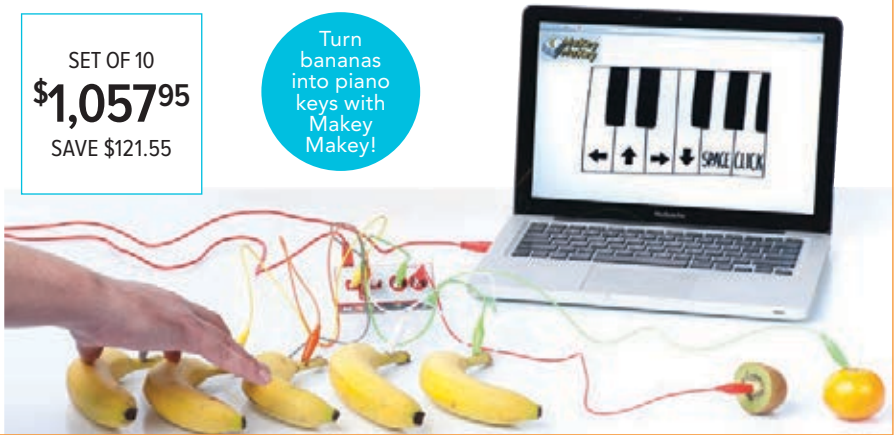
SET OF 10  
**\$1,057<sup>95</sup>**  
 SAVE \$121.55

Turn  
 bananas  
 into piano  
 keys with  
 Makey  
 Makey!

**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	\$117.95
MKK001-5 Set of 5	\$558.95
MKK001-10 Set of 10	\$1,057.95



**Makey Makey STEM Pack - Classroom Invent Kit**

NEW

Perfect for classrooms, workshops and Makerspaces!

Perfect for classrooms, schools, districts, workshop teachers, and anyone else that wants all their Makey Makeys in a really nicely organised briefcase. The Makey Makey STEM Kit is a distillation of 12 Makey Makeys, 12 booster packs and some extra parts for when you want to invent something even bigger.

Contents:

- 12 Makey Makey Classics
- 12 Alligator Clips
- 12 Connector Wires
- 72 Extra Alligator Clips
- 144 Connector Wires (for the back)
- 12 Makey Makey-Optimised Conductive 6B Pencils

MKK003 \$1,409.95



**OSMO Classroom Kit – Genius Edition**

NEW

The Classroom Kit is the premium kit for educators to use Osmo in classrooms. Classroom Kit includes 4 stations, efficient tile storage cases, washable plastic tiles, upper and lowercase letters, modular stacking bins, and more! The set includes 4 bases, 4 sets of the Tangrams, Words and Numbers Games, and also can be used for the Masterpiece and Newton games.

- Teaches maths, art, spelling, critical thinking, creative problem solving and much more
- From phonics to photosynthesis, Osmo lesson plans can be easily integrated into any classroom
- Let provided lesson plans inspire your next exciting classroom, or customise own your lessons and Word albums in MyOsmo
- Inspires creativity, critical thinking, communication and collaboration
- Easy to install, introduce, oversee, and pack away without professional development training.\*

MG300 \$798.95



**OSMO Genius Kit Including Stand**

The complete Osmo set that teaches maths, art, spelling, critical thinking, creative problem solving and much more. The OSMO Genius Kit includes the Osmo iPad base, the Tangram game, the Numbers Game, the Words Game. The games Masterpiece and Newton can also be played as they don't require additional pieces.

- Learn spatial relational skills with Tangram's 500+ visual and spatial puzzles
- Practise spelling and critical thinking with Words
- Learn counting, addition, subtraction, multiplication and maths confidence with Numbers
- Newton teaches creative problem solving skills with creative engineering
- Masterpiece teaches drawing and creative confidence.\*

MG5096 \$182.95



\*No further discounts or promotions apply.





### FlashForge 3D Printing Class Kit

This kit includes 1 FlashForge Dreamer 3D Printer, 5 FlashForge Inventor II printers, and one of each of the filaments: orange, red, green, black, transparent, blue and white.

ZF2589K Each \$8,102.95

Complete classroom solution

x5



\$8,220.35  
**\$8,102.95**  
SAVE \$117.40

### FlashForge – Dreamer 3D Printer

Dreamer is a true Plug 'n' Play 3D printer. It is capable of printing straight out of the box with the ability to print within minutes. The on-board colour touchscreen panel, Wi-Fi connection, filament cartridge integrated inside, all these innovative and thoughtful designs deliver an excellent user experience to every user.

ZF2589 Each \$2,114.95

#### Specifications

- Build Volume: 23 x 15 x 14cm
- Connectivity: Wi-Fi, USB Cable, SD Card
- Product Dimension: 48 x 33.5 x 41cm
- Filament diameter: 1.75mm
- Nozzle Diameter: 0.4mm
- Software: FlashPrint
- Two extruders

The ultimate 3D school printer for top-quality designs and models



Fully enclosed design space ensures safety



### FlashForge Inventor II - 3D Printer

The FlashForge Inventor II is easy to operate and sports a 3.5-inch HD touchscreen with easy to understand controls. In only 4 taps you can start your print, and there is no need to hook it up to a computer. See previews, view real-time printing status and know when your model will be finished.

ZF8477 Each \$1,174.95



Perfect for Makerspace

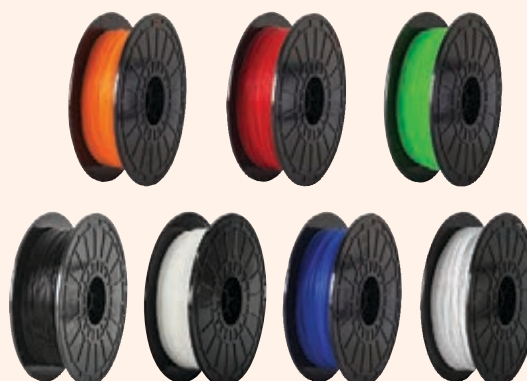
#### Specifications

- Printing volume: 15 x 14 x 14cm
- Filament: PLA with a 1.75mm diameter
- Nozzle diameter: 0.4mm
- Connectivity: Wi-Fi, USB Cable, SD card
- File input: .stl, .obj, .3mf, .ffp
- Build speed: 10-200 mm/s
- Device size: 42 x 42 x 57cm

### FlashForge PLA Filament

These FlashForge filaments are the most consistent PLA filaments and are perfect for use with the Inventor II printer. The filaments are made with high quality PLA material to ensure a smooth feeding and extrusion. Anti-moisture ingredients included in the formulation permits longer storage time without loss of quality. Available in a variety of colours.

ZF2629 Orange	\$32.95
ZF2625 Red	\$32.95
ZF2624 Green	\$32.95
ZF2623 Black	\$32.95
ZF2622 Transparent	\$32.95
ZF2607 Blue	\$32.95
ZF2608 White	\$32.95



FREE freight on all orders over \$199. Conditions apply, see website for details.



iOgrapher Filmmaking Kit

A range of film making accessories for your iPad® to create top-quality videos

~~\$1,235.70~~  
**\$1,172.95**  
 SAVE \$62.75



**iOgrapher Film Kit & Green Screen**

- This iOgrapher Film Making Kit for iPad® Pro 9.7 includes:
- 1x iOgrapher iPad Pro 9.7" iPad® 5th Gen (DNS002)\*
  - 1x RØDE VideoMicro microphone (DNS004)
  - 2x RØDE SmartLav+ lavalier microphone (DNS005)
  - 2x RØDE SC1 Extension cable (DNS006)
  - 1x RØDE SC6 input adaptor (DNS007)
  - 1x RØDE SC7 TRRS adaptor (DNS008)
  - 1x Manfrotto Lumie 6 LED light (DNS010)
  - 1 x Green Screen (AX1502)

DNS003-K Each **\$1,172.95**

\*Please note: iPad® is not included.

Find all individual items on our website

**NEW**

**iOgrapher iPad® Pro 9.7" iPad 5th Gen**

The iOgrapher multimedia case for iPad® 9.7" suits the iPad® Pro (9.7"), iPad® Air, iPad® Air 2 and the iPad® (5th & 6th generations). It is a high-quality enclosure designed to enhance filmmaking on your iPad and allows for additional filmmaking accessories to be fitted such as a microphone and lighting, lenses and a tripod (not included and sold separately)\*.

DNS002 Each **\$152.95**

\*Please note: iPad® is not included.

**Manfrotto Lumie 6 LED Light**

The Manfrotto LumiMuse LED lights mark an evolution in illumination for mobile filmmaking and photography. Featuring an inbuilt lithium-ion battery, it recharges via USB and has three stages of dimming. The Lumie ART has an output of 440 Lux, and includes a shoe mount, diffuser and two coloured gels.

DNS010 Each **\$211.95**

**RØDE VideoMicro Microphone**

**NEW**

The RØDE VideoMicro is an extremely compact microphone ideally sized for the iOgrapher, providing premium directional audio for your videos. It isolates the microphone from any handling noise, and has a furry windshield for outdoor recording. Note that the RØDE SC7 cable is required (not included and sold separately) to use the VideoMicro with an iPhone® or iPad®.

DNS004 Each **\$117.95**

**NEW**

**RØDE SmartLav+ Lavalier Microphone**

The RØDE smartLav+ is a broadcast-grade lapel microphone for iOS devices. A 1.2m cable is supplied however the RØDE SC1 extension cable is optionally available to add another 6m of cable.

DNS005 Each **\$152.95**

\*No further discounts or promotions apply.

Robotics		Pages	New	Exclusive	Early Years & Preschool	Lower Primary	Middle Primary	Upper Primary	High School
Artie		18	NEW			✓	✓	✓	
Bee Bot		14		EXCLUSIVE	✓	✓			
Blue Bot		14			✓	✓			
Cubetto		16			✓	✓			
Cue		13		EXCLUSIVE				✓	✓
Dash & Dot		12		EXCLUSIVE		✓	✓	✓	
Edison		23					✓	✓	✓
Flipbot		20	NEW				✓	✓	✓
Intelino		4	NEW		✓	✓	✓		
LEGO® Mindstorms® Education EV3		10						✓	✓
LEGO SPIKE PRIME		1	NEW				✓	✓	
LEGO WeDo 2.0		9				✓	✓		
Mabot		7	NEW		✓	✓	✓		
MaxBot		23	NEW	EXCLUSIVE			✓	✓	✓
Ozobot		21	NEW			✓	✓	✓	
Photon		22	NEW			✓	✓	✓	✓
Pro-Bot		18				✓	✓	✓	
Robot Mouse		17			✓	✓			
Sammy the First Coding Robot		17	NEW	EXCLUSIVE	✓	✓			
Sphero		9					✓	✓	✓
Technology & Media Production		Pages	New	Exclusive	Early Years & Preschool	Lower Primary	Middle Primary	Upper Primary	High School
FlashForge		31	NEW			✓	✓	✓	✓
lographer Film Kit		32	NEW				✓	✓	✓
Karaoke Machines		5	NEW		✓	✓	✓	✓	
Merge		6	NEW		✓	✓	✓	✓	✓
Osmo		30			✓	✓	✓		
Circuits & Systems		Pages	New	Exclusive	Early Years & Preschool	Lower Primary	Middle Primary	Upper Primary	High School
Boson		28	NEW	EXCLUSIVE			✓	✓	✓
Circuit Scribe		26					✓	✓	✓
Grove		27	NEW				✓	✓	✓
Learning Lab		29	NEW				✓	✓	✓
littleBits		25					✓	✓	✓
MakeyMakey		30					✓	✓	✓
micro:bit		27	NEW				✓	✓	✓
Neuron		25					✓	✓	✓
Squishy Circuits		26	NEW			✓	✓	✓	
SAM Labs		24		EXCLUSIVE			✓	✓	✓
Drones		Pages	New	Exclusive	Early Years & Preschool	Lower Primary	Middle Primary	Upper Primary	High School
Tello Edu Drone		4	NEW					✓	✓



FREE freight on all orders over \$199. Conditions apply, see website for details.



## Supporting Your Digital Technologies Implementation Journey

**Need help?** Use our handy online Robotics Selector tool @ [teaching.co.nz](http://teaching.co.nz)

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Select the years you teach

PS K/P Y1 Y2 Y3 Y4 Y5 Y6 Y7 Y8 Y9 Y10 Y11 Y12

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Recommended age group



Training & workshops



Curriculum Links



Competitions

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- Lesson plans
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