



modern teaching aids

# Robotics & Digital Technologies 2018




**FREE freight**  
on all orders  
over \$99\*

\*Conditions apply,  
see website for details.

# Your Digital Technologies Continuum

The continuum shows various educational robotics products. On the left, CoDrone P58, Botley P28, Bee-Bot P18, Blue-Bot P20, and Airblock P57 are listed. In the middle, Cozmo P29, Cubelets P40, Cubetto P26, Cue Robot P16, and Dash & Dot P12 are shown. On the right, Edison P38, LEGO EV3 P5, and Sphero P32 are featured. At the bottom, Pro-Bot P30, Robot Mouse P25, and Sam Labs P44 are included. A central table lists prices for many of these items.

3D Printers	62
Airblock	57
Animation Software	64
Bee-Bot	18
Bloxels	61
Blue-Bot	20
Botley	28
Circuit Scribe	50
CoDrone	58
Cozmo	29
Cubelets	40
Cubetto	26
Cue Robot	16
Dash & Dot	12
Edison	38
LEGO EV3	5
LEGO WeDo 2.0	1
littleBits	46
Makey Makey	48
mBot	34
mBot Ranger	35
Neuron	43
Osmo	54
Pai Technology	52
Parrot Drone	60
Pro-Bot	30
Quirkbot	56
Robot Mouse	25
Sam Labs	44
Sphero	32
Ultimate Bot 2.0	36
XYZ Robotics Arm	42

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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.

# LEGO® Education WeDo 2.0

## Make science come to life

With real-world science projects, including engineering, technology and coding, students experience how science comes to life. WeDo 2.0 builds students' confidence to ask questions, define problems and design their own solutions, by putting discovery in their hands and their minds.

Designing  
Investigating  
Modeling  
Coding



LEGO® Education WeDo 2.0



## ...enable teaching across science topics

### Life Science

Investigate life cycles, habitats, traits, environmental changes and more.

### Engineering

Design projects involving constraints, prototype and test models. Example project: Create a solution to assist with the rescue of animals in dangerous situations.

### Physical Science

Explore forces and motion, cause and effect, and more. Example project: Investigate the factors that make a car go faster, to help predict future motion.

### Earth and Space Science

Discover the various climates, research of weather patterns and examine weather-related hazards. Example project: Design an automatic LEGO® floodgate to control the water level of a stream according to various precipitation patterns.



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# Build students' confidence to ask questions and solve problems

## WeDo 2.0 Curriculum Solution

LEG45300 **\$307.95**

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
- WeDo 2.0 Software & Curriculum Pack
- WeDo 2.0 eLearning
- 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.co.nz](http://teaching.co.nz) 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.co.nz/downloads](http://LEGOeducation.co.nz/downloads)

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# 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



<b>LEG45300-2K</b> 4 students	<b>\$592.95</b> SAVE \$22.95	2		
<b>LEG45300-2KP</b> 4 students	<b>\$912.95</b> SAVE \$46.75	2	2	
<b>LEG45300-3K</b> 6 students	<b>\$889.95</b> SAVE \$33.90	3		
<b>LEG45300-3KP</b> 6 students	<b>\$1,352.95</b> SAVE \$86.60	3	3	
<b>LEG45300-5K</b> 10 students	<b>\$1,458.95</b> SAVE \$80.80	5		
<b>LEG45300-5KP</b> 10 students	<b>\$2,199.95</b> SAVE \$199.30	5	5	
<b>LEG45300-5KS</b> 10 students	<b>\$1,594.95</b> SAVE \$109.75	5		1
<b>LEG45300-5KPS</b> 10 students	<b>\$2,364.95</b> SAVE \$199.25	5	5	1
<b>LEG45300-8K</b> 16 students	<b>\$2,287.95</b> SAVE \$175.65	8		
<b>LEG45300-8KP</b> 16 students	<b>\$3,519.95</b> SAVE \$318.85	8	8	
<b>LEG45300-8KS</b> 16 students	<b>\$2,457.95</b> SAVE \$247.60	8		1
<b>LEG45300-8KPS</b> 16 students	<b>\$3,651.95</b> SAVE \$428.80	8	8	1
<b>LEG45300-12K</b> 24 students	<b>\$3,409.95</b> SAVE \$285.45	12		
<b>LEG45300-12KP</b> 24 students	<b>\$5,169.95</b> SAVE \$588.25	12	12	

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

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# 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 Double  
SUN8326

exclusive 3rd party product



MTA Storage System Triple  
SUN8336

exclusive 3rd party product



<p><b>LEG45300-12KS</b> 24 students</p> <p><b>\$3,583.95</b> SAVE \$353.40</p>	12		1	
<p><b>LEG45300-12KPS</b> 24 students</p> <p><b>\$5,389.95</b> SAVE \$610.20</p>	12	12	1	
<p><b>LEG45300-15K</b> 30 students</p> <p><b>\$4,179.95</b> SAVE \$439.30</p>	15			
<p><b>LEG45300-15KP</b> 30 students</p> <p><b>\$6,489.95</b> SAVE \$707.80</p>	15	15		
<p><b>LEG45300-15KS</b> 30 students</p> <p><b>\$4,399.95</b> SAVE \$527.25</p>	15			1
<p><b>LEG45300-15KPS</b> 30 students</p> <p><b>\$6,599.95</b> SAVE \$905.75</p>	15	15		1

## MTA Storage Systems suitable for WeDo 2.0

### MTA Storage Systems & Trays

SUN8316 **\$164.95** exclusive 3rd party product

SUN8326 **\$241.95** exclusive 3rd party product

SUN8336 **\$307.95** exclusive 3rd party product

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

**SUN8316** – Single Storage.

Holds 6 WeDo 2.0 trays.

**SUN8326** – Double Storage.

Holds 12 WeDo 2.0 trays.

**SUN8336** – Triple Storage.

Holds 18 WeDo 2.0 trays.



Compatible with LEGO Education Storage Tubs

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# Everything educators need to achieve their teaching goals



## LEGO® MINDSTORMS® Education EV3 Curriculum Solution

LEG45544-1 **\$725.95**



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 90-135 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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LEG45544-6S

x6

# Classroom Solutions

## EV3 Curriculum Solution Packs

LEGO Education EV3 Curriculum Solution  
LEG45544-1

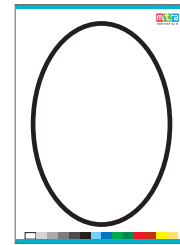


Battery Charger  
LEG8887



Robotics Training Mat  
ROB014

exclusive 3rd party product



MTA Storage System Double  
SUN8327

exclusive 3rd party product



<p><b>LEG45544-1K</b> 2-3 students</p> <p><b>\$769.95</b> SAVE \$21.95</p>	1	1		
<p><b>LEG45544-4</b> 8 students</p> <p><b>\$3,076.95</b> SAVE \$206.60</p>	4	4	1	
<p><b>LEG45544-4S</b> 8 students</p> <p><b>\$3,299.95</b> SAVE \$264.75</p>	4	4	1	1
<p><b>LEG45544-5</b> 10 students</p> <p><b>\$3,846.95</b> SAVE \$228.50</p>	5	5	1	
<p><b>LEG45544-5S</b> 10 students</p> <p><b>\$4,018.95</b> SAVE \$337.65</p>	5	5	1	1
<p><b>LEG45544-6</b> 12 students</p> <p><b>\$4,604.95</b> SAVE \$262.40</p>	6	6	1	
<p><b>LEG45544-6S</b> 12 students</p> <p><b>\$4,777.95</b> SAVE \$370.55</p>	6	6	1	1

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LEG45544-10S

# Classroom Solutions

## EV3 Curriculum Solution Packs

LEGO® Education EV3 Curriculum Solution  
LEG45544-1



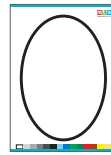
Battery Multi-Charger  
WLMC01

**exclusive**  
3rd party product



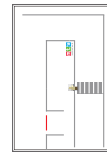
Robotics Training Mat  
ROB014

**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



x2

Product Code	Students	LEGO Curriculum Solution	Battery Multi-Charger	Robotics Training Mat	Robotics Challenge Mat	MTA Storage System Double	MTA Storage System Triple
<b>LEG45544-8</b> 16 students SAVE \$375.55	8	1	1	1			
<b>LEG45544-8S</b> 16 students SAVE \$509.30	8	1	1	1			1
<b>LEG45544-10</b> 20 students SAVE \$577.45	10	1	1		1		
<b>LEG45544-10S</b> 20 students SAVE \$575.75	10	1	1		1	2	
<b>LEG45544-12</b> 24 students SAVE \$812.30	12	2	2		1		
<b>LEG45544-12S</b> 24 students SAVE \$1,029.60	12	2	2		1	2	
<b>LEG45544-15</b> 30 students SAVE \$1,149.15	15	2	2		1		
<b>LEG45544-15S</b> 30 students SAVE \$1,434.65	15	2	2		1		2

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LEG45544-10CS

# Classroom Solutions

## EV3 Curriculum Solution Packs

LEGO Education EV3 Curriculum Solution  
LEG45544-1

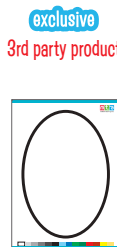
Battery Multi-Charger  
WLMC01

Robotics Training Mat  
ROB014

Robotics Challenge Mat  
ROB15

EV3 Expansion Set  
LEG45560

MTA Storage System Triple  
SUN8337



Product	Students	LEGO Curriculum Solution	Battery Multi-Charger	Robotics Training Mat	Robotics Challenge Mat	EV3 Expansion Set	MTA Storage System
<b>LEG45544-8C</b> 16 students SAVE \$503.35	8	1	1	1	1	4	
<b>LEG45544-8CS</b> 16 students SAVE \$771.85	8	1	1	1	1	4	2
<b>LEG45544-10C</b> 20 students SAVE \$522.20	10	1	1	1	1	5	
<b>LEG45544-10CS</b> 20 students SAVE \$752.70	10	1	1	1	1	5	2
<b>LEG45544-12C</b> 24 students SAVE \$1,049.95	12	2	2	1	1	6	
<b>LEG45544-12CS</b> 24 students SAVE \$1,317.45	12	2	2	1	1	6	2
<b>LEG45544-15C</b> 30 students SAVE \$1,308.70	15	2	2	1	1	8	
<b>LEG45544-15CS</b> 30 students SAVE \$1,296.95	15	2	2	1	1	8	3

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# Teach STEM with a Mission to Mars using LEGO® MINDSTORMS® Education EV3 Space Challenges

## EV3 Space Challenge Curriculum

**Included**



This curriculum conforms to national curriculum standards and contains challenge and learning missions based around the theme of space. Three research projects, co-developed with space experts, providing rich opportunities for students to explore and create innovative solutions to current space exploration topics. The EV3 Space Challenge Set\* includes three learning mats, a challenge mat, dual lock tape and all of the LEGO® elements required to build the challenge models\*. The accompanying digital content provides student-ready materials, teacher notes and Building Instructions. \*Not included and sold separately.



The EV3 Space Challenge Curriculum is only available for desktops with EV3 Lab. It requires the LEG45570 EV3 Space Challenge Set.

## Classroom Solutions Space Challenge Packs

LEGO Education EV3 Curriculum Solution  
LEG45544-1



EV3 Space Challenge Set  
LEG45570



Battery Charger  
LEG8887



Product	Price	Curriculum Solution	EV3 Space Challenge Set	Battery Charger
LEG45570-3	\$1,146.95 SAVE \$73.90		3	
LEG45570-6	\$2,242.95 SAVE \$198.75		6	
LEG45544-SP4 8 students	\$3,823.95 SAVE \$157.55	4	2	4
LEG45544-SP8 16 students	\$7,573.95 SAVE \$389.05	8	4	8

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# Explore renewable energy further with LEGO MINDSTORMS Education

The Renewable Energy Add-On Set is also compatible with our EV3 Science Activity Pack. Using physical science experiments, this versatile pack explores energy, heat and temperature, force and motion, and light.

Also compatible with LEGO Simple & Powered Machines

## Renewable Energy Add-on Set

LEG9688 **\$263.95**



Developed together with science teachers and Fraunhofer IAIS, Europe's largest application-oriented research organisation, students use both hardware and software for their data-logging capabilities. The set provides a range of elements including a solar panel, turbine blades, a motor/generator, LED lights, an extension wire, and a LEGO Energy Meter.

The EV3 Science Activity Pack also requires the EV3 Core Set, Battery Charger, the EV3 Science Activity Pack (free download) and Temperature Sensor.



## Classroom Solutions

## Science Activity Add-on Packs

LEGO Education EV3 Curriculum Solution  
LEG45544-1



Temperature Sensor  
LEG9749



Renewable Energy Add-on Set  
LEG9688



Battery Charger  
LEG8887



LEG9688-T1	<b>\$306.95</b> SAVE \$27.95		1	1	
LEG9688-T4	<b>\$1,154.95</b> SAVE \$184.65		4	4	
LEG9688-T8	<b>\$2,309.95</b> SAVE \$369.25		8	8	
LEG45544-RE4 8 students	<b>\$4,259.95</b> SAVE \$247.25	4	4	4	4
LEG45544-RE8 8 students	<b>\$8,275.95</b> SAVE \$738.45	8	8	8	8

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# Find all of our Arduino & Raspberry Pi Resources online!



**NEW**

**EVShield with Arduino Uno Bundle**

This combination pack contains an EVShield and Arduino Uno which allows you to easily connect and control your LEGO components using the Arduino programming environment. Connect up to 4 EV3 or NXT motors, and 4 NXT or EV3 Sensors, and program for them through Arduino sketch. Attach up to 6 RC Servo motors to EVShield. It also provides ports for I2C devices. Please note: sensors not included.

MIND002 \$152.95

Requires external power supply such as MIND004




**NEW**

**6-AA Battery Holder with EV3 Mount**

6-AA Battery Holder with NXT/EV3 Mounts - This battery holder is designed to hold 6 AA batteries. It has NXT and EV3 compatible mounting.

MIND004 \$20.95



**NEW**

**UI module for EVShield or Arduino**

This 2.2 inch 320x240 TFT Colour Display attaches to the EVShield for easy user interaction. It has a 5 Position Navigation Switch and has been integrated with the EVShield library for easy programming. It also works with just Arduino (without the EVShield).

MIND003 \$58.50



**NEW**

**EV3 Sensor Multiplexer for EV3 or NXT**

Need more Sensors? Connect up to 3 LEGO sensors on a single port. Works with NXT or EV3. It does not work with third party sensors. Supported Sensors: EV3 Ultrasonic, Gyro, Infrared, Colour and Touch sensor.

MIND005 \$105.95



**NEW**

**PiStorms-v2 Base Kit - Raspberry Pi Brain for LEGO**

This kit makes it easy to connect and control your LEGO motors and sensors using a Raspberry Pi. The kit includes the PiStorms Controller, LEGO compatible frame and stylus. You will also need a Raspberry Pi A+, B+, Pi 2 & Pi 3 (sold separately) and a power source, such as a 6-AA Battery Holder or Rechargeable battery Pack

MIND006 \$222.95



**NEW**

**WiFi Arduino Interface for PiStorms**

Instead of Raspberry Pi, use a Wireless Arduino with PiStorms! This board is based on ESP8266 WiFi Module, and provides Arduino programming on PiStorms. Write up to three programs at once using Arduino IDE & PiStorms Libraries for Arduino and download them to the board wirelessly. Run one of the programs from PiStorms Screen. PiStorms sold separately.

MIND007 \$58.95



Dash & Dot



## Dash & Dot | K-Year 5



Dash & Dot are exciting, hands-on learning tools for students from K to Year 5. Dash & Dot don't require assembly, and grow with your students from beginners through to meaningful curricular and educational programs. Encourage students to continue building critical thinking, creativity, communication and collaboration skills for tomorrow's job market. The robots are Bluetooth enabled, no WiFi needed! Both robots charge in an hour!

**Programming Language/Software:** Path, Go, Blockly, Wonder and Xylo - all free to download, Apple Swift Playground, Scratch

**Compatibility:** iOS 8.1+, Android 4.4.2+, Kindle 5.1.2+ - See full list on our website



### Why Dash & Dot?

- Dash & Dot instantly appeal to every student with their cute personality. You will have trouble getting students to leave the classroom!
- Dash charges super quick, giving you more play time and less down time
- Dash & Dot are designed to introduce coding to students, with easy-to-use block based programming
- Dash & Dot improve team work, problem solving skills and patience, will covering cross-curricular topics with hundreds of projects
- In-depth curriculum available (challenge cards, 36+ free lessons and premium lessons included with the teacher guide and online subscription)
- Participate in the annual global Wonder League to compete against other students



12x DASH  
**\$3,299<sup>95</sup>**  
 SAVE \$395.45

### 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	\$307.95
DW001-6	<b>NEW</b> Set of 6 Dash	\$1,671.95
DW001-12	<b>NEW</b> Set of 12 Dash	\$3,299.95
DW002	Dash & Dot	\$381.95



Download the 5 free apps for iOS & Android. Check compatibility with your device on our website.

### Complete learning experience

### Dash & Dot Wonder Pack – Dash & Dot & Accessories

The Wonder Pack offers the richest and biggest learning experience. Each pack includes Dash, Dot, the Accessory Pack, building Brick Connectors, the Xylophone, and the newly added Ball Launcher.

DW0403	Pack	\$626.95
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The curriculum guide includes a one-year subscription to the Wonder Workshop code library



**NEW**

**Dash & Dot Learn To Code Curriculum Resources**

Need inspiration for activities with Dash & Dot for small group work? These Learn to Code Curriculum Resources are the perfect starting point! The Challenge Cards (DW011) includes 72 cards with challenges, organised into six coding levels A through F. Each level covers two or three of the six fundamental coding concepts: sequences, loops, events, conditionals, functions, and variables.

The Challenge Cards & Curriculum Guide (DW021) includes, beside the Challenge cards, a spiral bound curriculum guide, to help you walk through all the implementation suggestions, recommendations and best practises. Also included is a one-year subscription to the Wonder Workshop Code to Learn Lesson Library. Please note that the curriculum guide is in line with the American Code.org's Computer Science Fundamental Series.

DW011	Challenge Cards only	\$69.95
DW021	Challenge Cards & Curriculum Guide	\$153.95

**NEW**

**Wonder Workshop Dot Creativity Kit**

Dot is a clever little robot with multiple sensors and a quirky personality that powers the Do-It-Yourself projects in the new Dot Creativity Kit. Kids will learn about robotics and develop fundamental coding and problem-solving skills while having fun. Dot's projects range from crafting, active play, to storytelling and construction.

DW111 \$131.95

**Included in the set:**

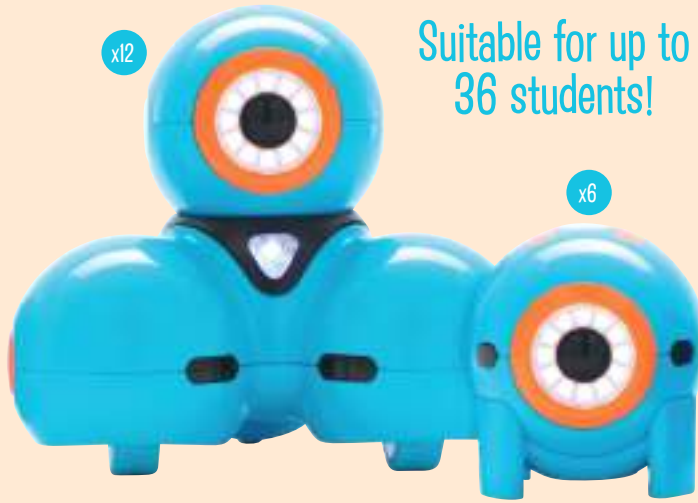
- Dot with detachable stand
- 2 Building Brick connectors
- 2 Plastic-to-cardboard connectors
- 20 Project cards with games & activities
- 10 Costumes
- 1 Squishy case
- 1 Constructible mood lamp
- Over 100 stickers
- Charging Cables
- 3 free apps (Wonder, Blockly, Go)



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



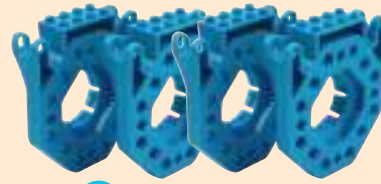
Dash & Dot



x12

Suitable for up to 36 students!

x6



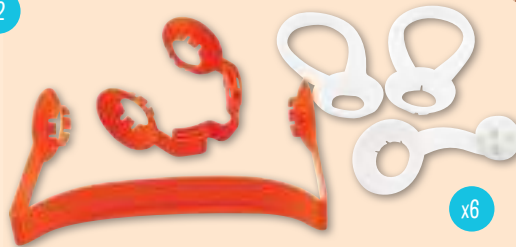
x6



x6



x2



x6



**NEW**

**Dash & Dot Complete Classroom Solution**

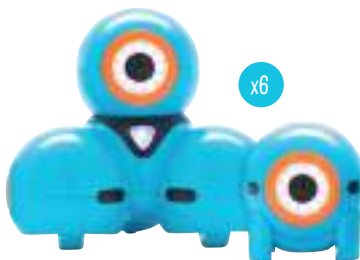
This is the ultimate classroom solution for Dash & Dot. Perfect for a classroom of up to 36 students, the Complete Classroom Solution provides an ideal 2:1 student-to-robot ratio.

DW001-KIT4

\$4,905.95

**Included in the set:**

- 12x Dash
- 6x Dot
- 6x Ball Launchers
- 6x Building Bricks Sets (4 bricks per set)
- 6x Accessory Pack
- 1x Learn to Code Challenge Cards & Curriculum Guide
- 2x 10-port USB Charger



x6



x6



x6



x6

SAVE  
**\$372.45**

**NEW**

**Dash & Dot Classroom Pack**

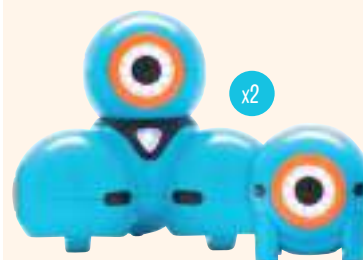
Perfect for a classroom of up to 36 students, the Classroom Pack provides a 3:1 student-to-robot ratio.

DW001-KIT5

\$3,299.95

**Included in the set:**

- 6x Dash
- 6x Dot
- 6x Ball Launchers
- 6x Building Bricks Sets (4 bricks per set)
- 6x Accessory Pack
- 1x Learn to Code Challenge Cards & Curriculum Guide
- 1x 10-port USB Charger



x2



x2



x2



x2

**NEW**

**Dash & Dot Club Pack**

Our Club Pack is best for any in-school or after-school robotics club with 6-14 students

DW001-KIT6

\$1,165.95

**Included in the set:**

- 2x Dash
- 2x Dot
- 2x Ball Launchers
- 2x Building Bricks Sets (4 bricks per set)
- 2x Accessory Pack
- 1x Learn to Code Challenge Cards & Curriculum Guide

SAVE  
**\$131.50**





DW001-24K  
**\$6,599<sup>95</sup>**  
 SAVE \$966.75



x2



x24

**NEW** DW001-24K  
**Dash Classroom Kits**

Never be without charge again! These Dash Class Kits include 10-Port USB Chargers to make sure you will always have a power point to charge your robots. The most convenient and space-efficient way to charge them all at the same time!

DW001-6K	Set of 6 Robots & One 10-Port USB Charger	\$1,726.95
DW001-12K	Set of 12 Robots & One 10-Port USB Charger	\$3,365.95
DW001-18K	Set of 18 Robots & Two 10-Port USB Charger	\$5,037.95
DW001-24K	Set of 24 Robots & Two 10-Port USB Charger	\$6,599.95



**Dash Ball Launcher – Accessory**

This fun accessory transforms your Dash robot into a projectile-launching machine. Because it's powered by Dash, kids can learn how simple machines like a lever works in a fun way. Comes with 3 projectiles and 6 stacking targets that can attach to LEGO®-compatible bricks to build intricate targets. Dash is not included and is sold separately.

DW007                                      Each                                      \$54.95



**Xylophone Accessory for Dash**

Everything you need to turn Dash into a Beethoven while you learn to program with music. Mallet accessory included. Dash is not included.

DW004                                      Each                                      \$60.95



**Building Bricks for Dash**

Dash can use building brick connectors to play with your existing toys! They are compatible with Lego® bricks, Technics, Mindstorms kits and Hero Factory. Each pack comes with 4 connectors. Dash is not included.

DW005                                      Each                                      \$32.95



**Accessory Pack for Dash**

Give Dash new abilities and looks by adding accessories! This package includes a bulldozer bar to clean up those toys (for Dash only), bunny ears, a tow hook and a tow hook. Dash is not included.

DW003                                      Each                                      \$65.95

Cue Robot



# Cue Robot | Year 5–8

**NEW** exclusive

Meet Cue! Cue is Wonder Workshop's most advanced robot to date. Cue is a witty robot with attitude that is powered by new breakthrough Emotive AI systems. Cue delivers a level of personality, intelligence and interactive communication unlike any other robot on the market. Give Cue more advanced capabilities by building powerful programs at the skill level that's right for you. 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 three Emotive AI modes as you seek, avoid, and explore. Cue is the perfect classroom companion for more complex and advanced coding.

**Programming Language/Software:** Cue App (based on MakeCode from Microsoft), code with Block or JavaScript, Apple Swift Playground  
**Compatibility:** a Bluetooth Smart/4/LE-enabled device is required. For full list of iOS, Android and Kindle supported devices, see our website

Age Group  
Year 5–8

## Why Cue Robot?

- Designed for increased coding capabilities (graduating students from blocks to text based programming)
- Cue has its own personality, intelligence and interactive communication
- New features include breakthrough Emotive AI systems, additional memory, improved sensors, proximity sensors, encoders, gyro, accelerometer and microphones
- Next level coding and programming without the need to build or assemble the robot
- New set of accessories designed for high schools

**Programmable LED & Buttons**

Customise your experience with Cue

**3 Microphones**

Real-time voice triangulation

**2 Powered Wheels**

Quick navigation and distance tracking on nearly any surface

**Real-time Bluetooth**

Fast, easy connections to Apple iOS, Android and Kindle mobile devices

**Proximity Sensors**

Detects objects left, right and behind



SET OF 12  
**\$3,662<sup>95</sup>**  
SAVE \$296.45

**Cue Robot**

**NEW**

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	\$329.95
CW001-4	Set of 4	\$1,264.95
CW001-8	Set of 8	\$2,496.95
CW001-12	Set of 12	\$3,662.95



**Potentiometers**

Supports head pan and tilt with accurate positioning

**Dual Motors**

Supports fast pan and tilt motion

**Speaker**

Plays back voice and audio

**Processors & Sensor Fusion**

Manages complex interactions and sensors (accelerometer, gyroscope, and wheel encoders)

**Encoders**

Quick navigation and distance tracking on nearly any surface

**Proximity Sensor**

Detects objects left, right and back



\*X-ray images showing sensors & motors



**NEW**



**Cue Sketch Pack**

From code to canvas, the Sketch Kit gives you everything you need to design drawings that come to life right before your eyes. The Sketch Kit includes an attachment that connects to Dash and Cue, to which you can add whiteboard markers. Each Kit includes one marker attachment and 6 custom dry erase markers and 6 starter cards. The Cue Whiteboard Mat is a durable, washable canvas to use in combination with the Sketch Kit. The mat measures 100 x 200cm to create a space for large scale drawings. Simply roll out the mat, create drawings and wipe them away again!

The Complete Kit includes the Sketch Kit and the Whiteboard Mat.

CW711	Complete kit	\$164.95
CW111	Sketch Kit	\$76.95
CW211	Whiteboard Mat	\$131.95

The sketch pack is compatible with Dash & Cue



**NEW**

**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.

~~\$3,387.35~~  
**\$3,079.95**  
 SAVE \$307.40



CW001-KIT1 \$3,079.95



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





Bee-Bot



## Bee-Bot | PS-Year 2

exclusive

Award-winning programmable floor robot, the Bee-Bot® has a simple and child friendly layout that is a perfect starting point for teaching control, sequencing, basic control, directional language and programming to young children. Through creative and imaginative play, Bee-Bot is a fantastic resource to bring technology to life into every subject!

Age Group  
PS-Year 2

**Programming Language/Software:** Onboard programming

### Why Bee-Bot?

- Ideal for early stages of control and programming
- Helps to teach algorithms and simple programs
- Robust and easy to use
- Cross-curricular when used with the different mats available



### 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	\$82.95
TTSB001-6	Set of 6	\$846.95
TTSB001-12	Set of 12	\$450.95
TTSB001-15	Set of 15	\$1,099.95

### 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  
**\$1,099<sup>95</sup>**  
SAVE \$144.30



**NEW**

### Bee-Bot Pack - Set of 6 & Rechargeable Batteries

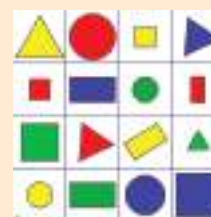
Make sure you're always charged! This kit includes 6 Bee-Bots (TTSB001) and 5 sets of 4 AA Rechargeable batteries & Charger (EL3563).

TTSB001-6K	Set of 6	\$692.95
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\$787.45  
**\$692<sup>95</sup>**  
SAVE \$94.50







\$814.50  
**\$714.95**  
 SAVE \$99.55

**Bee-Bot Class Pack 1 - Numeracy & Literacy**

This class pack is a great cross-curricular resource to integrate Digital Technologies with Numeracy and Literacy and teach program and control to the young ones. The kit includes 6x Bee-Bot (TTSB001), the Fairytale Mat (TTSB033), the Alphabet Mat (TTSB002), the Early Number Mat (TTSB018) and the Shapes, Colour & Size Mat (TTSB006). Ages 3+ years

TTSBKIT7 \$714.95



**Bee-Bot Class Pack 2 - Pretend Play**

Start teaching program and control while kids have fun and learn to be creative. This class pack includes 6x Bee-Bot (TTSB001), The Farmyard Mat (TTSB032), the Transparent Pocket Mat (TTSB090), the Robotics Cards Set (ROB003), The Treasure Island Mat (TTSB008) and the Busy Street Mat (TTSB003). Suitable for ages 3+ years

TTSBKIT6 \$758.95

\$854.45  
**\$758.95**  
 SAVE \$95.50



**NEW**

**Bee-Bot Class Pack 3 - Cross-Curricular & Open Ended**

Be creative and combine arts & craft with robotics and coding! This kit includes 10 Bee-Bots (TTSB001), 5 Transparent Pocket Mats (TTSB090), 5 Transparent Grid Mats (TTSB015), a set of 60 double-sided robotics cards (ROB003), and a set of coding cards (TEB6220) to get you started, as well as set of 360 blank coloured paper squares (HB750) and a blank paper roll measuring 76cm x 1m. This allows you to create your own mats with anything you can come up with! Create number cards, draw plants from nature, cut out shapes, the possibilities are endless. The paper squares fit in the pockets of the transparent pocket mat, the paper roll can be used to create mats for the transparent grid.

TTSBKIT10 \$1,319.95

\$1,451.10  
**\$1,319.95**  
 SAVE \$131.15



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



Blue-Bot



## Blue-Bot | PS-Year 3



Blue-Bot helps you code, debug and simulate algorithms! Blue-Bot is a Bluetooth enabled robot, which can be controlled with your PC or tablet. Plan your algorithm on the screen of your device and send it remotely to Blue-Bot. Or use the buttons on top of the shell to program simple algorithms.

Age Group  
PS-Year 3

**Programming Language/Software:** Download the Blue-Bot app, or onboard programming

**Compatibility:** iOS and Android devices with 3.0/4.0 Bluetooth, Windows 7+ and Mac

### Why Blue-Bot?

- Control Blue-Bot with the buttons on its shell, or connect to a tablet or PC and control Blue-Bot with a Bluetooth enabled device
- Program more steps and introduce 45° angles
- Ideal for early stages of control and programming
- Helps to teach algorithms and simple programs
- Robust and easy to use
- Cross-curricular when used with the different mats available



### 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	\$219.95
TTSB485-4	Set of 4	\$824.95
TTSB485-6	Set of 6	\$1,154.95
TTSB485-10K <b>NEW</b>	Set of 10 & One 10-Port Charger	\$2,034.95
TTSB485-15K <b>NEW</b>	Set of 15 & Two 10-Port Charger	\$3,079.95

SET OF 15  
**\$3,079<sup>95</sup>**  
SAVE \$395.20



### 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

Charge & store up to 6 Blue-Bots!

6 X ROBOTS + DOCKING STATION  
**\$1,205<sup>95</sup>**  
SAVE \$216.70

### 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	\$1,205.95
TTSB0358	Docking station only	\$102.95







~~\$1,196.60~~  
**\$1,066<sup>95</sup>**  
 SAVE \$129.65

**Blue-Bot Class Pack 1 - Numeracy & Literacy**

Practise early numeracy and literacy skills while teaching programming and coding. This pack includes 4 Blue-Bots (TTSB485), the Fairy Tale Mat (TTSB033), the Early Number Mat (TTSB018), the Shapes, Colour and Size Mat (TTSB006) and the Alphabet Mat (TTSB002).

TTSB485-KIT1 \$1,066.95

**Blue-Bot Kit**

TTSB1118K Kit \$274.95

The kit includes one tactile reader (TTSB1118) and one expansion pack (TTSB0546).

~~\$291.90~~  
**NOW ONLY \$274<sup>95</sup>**  
 SAVE \$16.95



**Blue-Bot**

The tactile reader (TTSB1118) is a unique and alternative way to program Blue-Bot. Place your individual tiles in a row to build up a sequence of instructions, press go and see Blue-Bot complete the program! Up to three readers can be connected together so children can build a program of up to thirty steps for an exciting alternative to using a tablet. 25 tiles are included. The extension pack (TTSB0546) includes 25 tiles including repetition and 45 degrees. Blue-Bot is not included and required.

TTSB1118	Tactile Reader	\$197.95
TTSB1172 <b>NEW</b>	Tactile Standard Tile Pack	\$93.95
TTSB0546	Tile Expansion Pack	\$93.95



~~\$1,236.55~~  
**\$1,218<sup>95</sup>**  
 SAVE \$17.60

**Blue-Bot Class Pack 2 - Pretend & Play**

Kids learn the basics of programming and coding while they play. This kit includes 4 Blue-Bots (TTSB485), The Farmyard Mat (TTSB032), the Transparent Pocket Mat (TTSB090), the Robotics Cards Set (ROB003), The Treasure Island Mat (TTSB008) and the Busy Street Mat (TTSB003).

TTSB485-KIT2 \$1,218.95



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



## Bee-Bot & Blue-Bot Mats



Teach language and literacy with Bee-Bot

### Bee-Bot Fairytale Mat

Children will enjoy programming Bee-Bot to visit characters and scenery from familiar fairytales, including: Goldilocks and the Three Bears; Jack and the Beanstalk and The Three Little Pigs. Comprehensive teacher's notes included. Size 120(L) x 45(H)cm.

TTSB033

\$95.95



### Bee-Bot Alphabet Mat

This Bee-Bot Alphabet Mat is an excellent way to learn literacy and ICT skills through play. Children can explore the alphabet while playing a range of literacy games. Size: 75(L) x 90(H)cm.

TTSB002

\$65.95



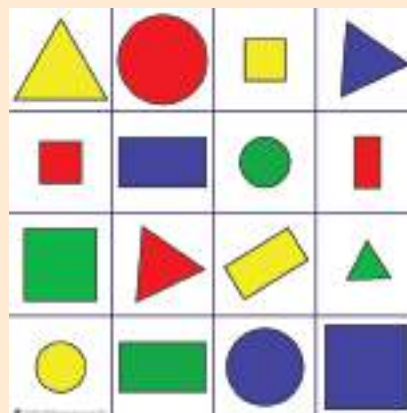
exclusive

### MTA Junior Robotics Australian Money Mat

This Australian Money Mat shows the front and back of coins and notes. The mat measures 60(L) x 75(H)cm.

TTSB016

\$65.95



### Bee-Bot Shape, Colour and Size Mat

A fantastic resource for combining mathematics with ICT using Bee-Bot. Use this to help with shape, colour, size and position recognition. Size: 60cm square.

TTSB006

\$93.95



exclusive

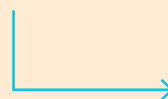
### MTA Junior Robotics Early Number Mat

This mat shows the numerals, written word and number pictures from 1 to 10. The mat measures 75(L) x 90(H)cm.

TTSB018

\$60.95

Use Bee-Bot for maths classes



### Number Track

Durable vinyl walk-on mat that can be used in or outdoors. Helps physically reinforce number recognition, sequencing and counting from 0 to 10, with help from the lovely printed animals. Size 28(L) x 165(H)cm.

TTSB004

\$82.95





Bee-Bot & Blue-Bot Mats



Learn about North, East, South and West

Doubles up as a giant wall display

**Bee-Bot Mat – World Map**

Travel the world and go on a voyage of discovery with Bee-Bot and our brand new Bee-Bot world map! This massive map contains an array of information and detail about the world, including the oceans, continents, countries, capital cities, landmarks and other large cities. The map is printed onto hard-wearing vinyl with eyelets, so when it is not being used with Bee-Bot it doubles up as a fantastic wall display. A whopping 210(L) x 120(H)cm!

TTSB446 \$252.95



**MTA Junior Robotics Australia Map**

exclusive

Teach geography with Bee-Bot! This large mat shows the main cities, rivers, lakes, mountains and highways. It measures 90(L) x 120(H)cm.

TTSB017 \$87.95



**Bee-Bot Farmyard Mat**

Down on the farm...Children will enjoy learning about life on the farm and acting out rural adventures with this colourful mat. Introduce children to different animals, crops and how they are grown, etc. Size: 75cm square.

TTSB032 \$93.95



**Bee-Bot Treasure Island Mat**

This island and treasure hunt mat comes with comprehensive support notes. Size: 60cm square.

TTSB008 \$70.95



Perfect for pretend play or to learn about the neighbourhood

**Busy Street Mat**

This Bee-Bot mat provides a multitude of activities to suit a variety of learning objectives e.g. ICT, literacy, numeracy and knowledge and understanding of the world. Size 120(L) x 45(H)cm.

TTSB003 \$80.95



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



## Bee-Bot & Blue-Bot Mats

### Transparent Pocket Mat & Robotics Card Set

ROB003K \$108.95

This kit includes one Transparent Pocket Mat (TTSB090) and one MTA Robotics Card Set (ROB003).

Use Blue-Bot & Bee-Bot for any subject with these open-ended cards & mat

1



2



#### 1. Bee-Bot Transparent Pocket Mat

This flexible pocketed mat is transparent to allow you to place it over an existing Bee-Bot mat and add in cards or images to further enhance Bee-Bot's adventures.

TTSB090 \$60.95

#### 2. MTA Robotics Cards Set exclusive

These double-sided cards can be used in combination with the transparent pocket mat (TTSB090) to teach a wide variety of curriculum topics with Blue/Bee-Bot. The set includes the letters A to Z, the numbers 0 to 20 plus the operation signs, 8 coloured cards, 26 cards of animals with their babies and 26 cards related to the home, garden and neighbourhood (bed, table, couch, tree, crossroad, police office, etc.). A total of 60 double-sided cards. Each card measures 13cm square.

ROB003 60 cards \$49.95



#### Bee-Bot Transparent Grid

Turn any map, chart or picture into a Bee-Bot activity with this clear plastic cover with grid lines. Size: 60cm square.

TTSB015 \$48.95



#### Bee-Bot Shells

Use these plastic clip-on shells to change the Bee-Bot (TTSB001 - sold separately) into different characters. Why not try a postman, a ladybird or a racing car! This set includes 30 shells, 10 of each colour. Ages 3+ years

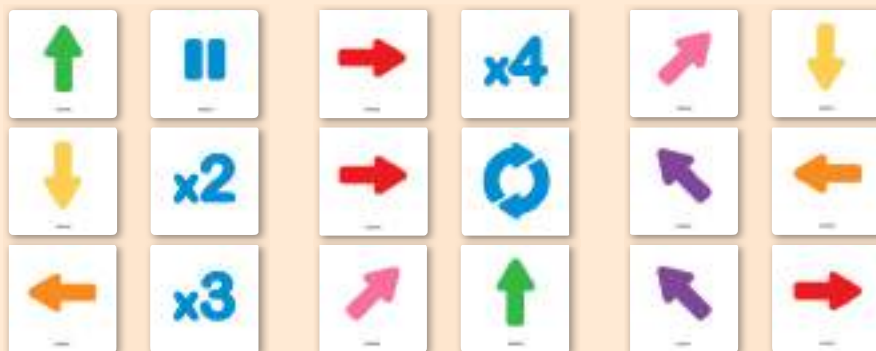
TTSB005 Set of 30 \$93.95

**NEW** Teachables

#### Robotics Coding Cards

A set of 60 double-sided cards with the basic directional instructions on one side (left, right, forwards, backwards, pause), and more advanced coding controls on the reverse, such as repetition, loops, and degrees. Each card measures 5x5cm and is laminated.

TEB6220 Set of 60 double-sided cards \$21.90







## Code & Go Robot Mouse | PS-Year 2

Colby the programmable mouse is the perfect resource to introduce students from the age of 5 to coding and programming. Teach students introductory programming, engineering, and critical thinking skills, as well as problem solving skills, logic, coding and navigation.



**Programming Language/Software:** Onboard programming

### Why Robot Mouse?

- An affordable, complete robot activity set with accessories to learn the basics of coding and computational thinking
- The coding cards included will help students keep track of their steps. This is very important for debugging and problem solving
- Students experience STEM through hands-on activities and experiments while challenging them to think critically, solve problems effectively, and acquire the skills needed to enter STEM-related fields



4 SETS  
**\$349<sup>95</sup>**  
 SAVE \$9.85

### 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	\$89.95
LER2831-4	4 sets	\$349.95

### Included in the set:

- Programmable robot mouse "Colby"
- 30 coding cards
- 10 double-sided activity cards
- Cheese wedge
- 16 pieces to create a 50 x 50cm maze board
- 22 maze walls
- 3 tunnels
- Activity guide

### Key Features

- Colby the robot mouse has two 2 speeds
- It moves in 4 directions: forward, backward, left and right
- The colourful buttons match the coding cards for easy programming and sequencing
- Perfect for basic coding, problem solving, logic and navigating while having fun
- For extended learning, try adding an additional mouse named Jack (LER2841), sold separately

### Robot Mouse - Additional Mouse

Here's another mouse ready to catch the cheese! Introducing Colby's friend Jack the Programmable Robot Mouse, featuring 2 speeds, perfect for tabletop and floor play. For use with our Robot Mouse STEM Activity Set (LER2831) for even more learning opportunities. Jack measures 7.5cm approximately.

LER2841	Each	\$49.95
LER2841-6	Set of 6	\$294.95
LER2841-12	Set of 12	\$549.95



SET OF 12  
**\$549<sup>95</sup>**  
 SAVE \$49.45

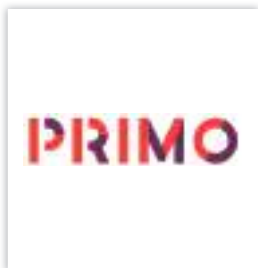
← Add Jack for more programming fun



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



Cubetto



## Cubetto | PS-Year 2

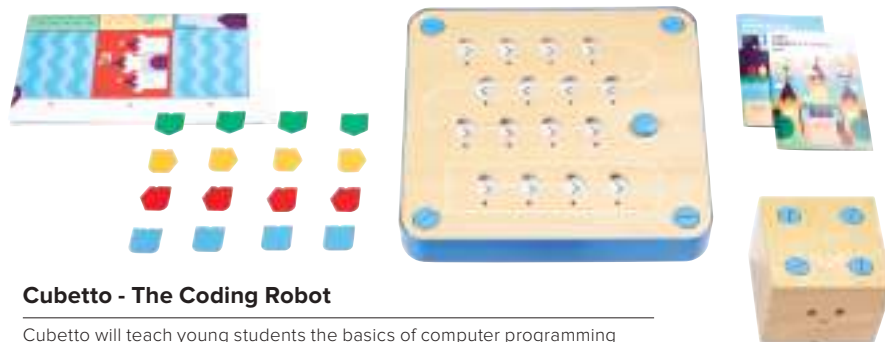
Cubetto is a playful wooden robot that helps young children (3+) discover programming through storytelling, adventure and collaboration. It's the first coding toy of its kind to work without a screen or digital interface, and lets children learn to code before they can read or write.

Age Group  
PS-Year 2

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

### 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).

SET OF 10  
**\$3,519<sup>95</sup>**  
SAVE \$549.55



CUB001	Each	\$406.95
CUB001-5	Set of 5	\$1,869.95
CUB001-10	Set of 10	\$3,519.95

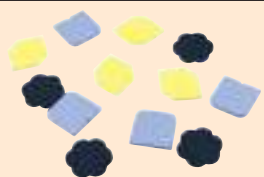
### Cubetto Logic Blocks & Book Kit

**NEW**

CUB005K \$104.95

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

\$109.95  
NOW ONLY  
**\$104<sup>95</sup>**  
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	\$54.95
2. CUB005B	Book Pack	\$54.95



### 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	\$54.95
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**NEW**

CUB001-KIT1  
**\$2,749<sup>95</sup>**  
 SAVE \$347.90

**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.

CUB001-KIT1	Complete Classroom Solution	\$2,749.95
CUB007K	Robot & Maps & Story Book Kit	\$582.95
CUB008K	5x Robots & Maps & Story Book Kit	\$2,199.95

**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



CUB006



CUB007



CUB008



CUB009



CUB011



CUB012

**Cubetto Maps & Story Books**

**NEW**

~~\$219.80~~  
**\$192.95**  
 SAVE \$26.85

Make play time with Cubetto even more fun with the new Adventure Packs. Each pack includes one 1x1m map and one educational story book, to guide you through a world of adventures. Learn about the world around us, while improving literacy, directional and communication skills. Each adventure pack is available individually. The set of 4 (CUB006K) includes the Egypt, Space, Ocean and City Pack.

CUB006K	Cubetto Maps & Story Books Kit - Set of 4*	\$192.95
CUB006	Cubetto Egypt Map and Story Book*	\$54.95
CUB007	Cubetto Space Map and Story Book*	\$54.95
CUB008	Cubetto Ocean Map and Story Book*	\$54.95
CUB009	Cubetto City Map and Story Book*	\$54.95
CUB011	Cubetto Polar Expedition Adv Pack & Book	\$54.95
CUB012	Cubetto Swamy Swamp Adv Pack & Book	\$54.95



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



## Botley Robot



# Botley Robot | PS-Year 3

**NEW**

Age Group  
**PS-Year 3**

Bright-eyed Botley pairs hands-on coding challenges with advanced IR sensor for collision detection, looping commands, and If/Then/Else programming logic. Use the remote programmer to program a sequence of steps and instructions. Botley has advanced coding features, for endless critical thinking challenges. Botley is easy to get started, but challenging enough to keep learning for years with inclusion of advanced features.

### Why Botley?

- A dynamic, affordable coding robot including activity set that is hands-on and social
- Inclusion of more complex coding concepts means Botley can grow with your students for endless critical thinking challenges
- 100% screen free coding
- Includes countless coding activities such as obstacle course, maze, egg on a spoon race, capture the flag and more



**NEW**



### Botley Robot & Activity Set

This 77-piece set comes complete with the Botley programmable Robot, mats, interactive obstacles, blocks, coding cards, and more. Includes LED indicators, black line following mode, 80 programmable steps, and sound effects.

LER2935      \$129.95

**NEW**

### Botley - Robot Only

Add more robot friends to your Botley activity sets! This is the Botley Robot only (obstacle course not included). Botley is programmed with a coding remote control, letting you perform loops, if/then/else logic, or let Botley follow a black line. Use in combination with the Botley Robot & Activity Set (LER2935) for even more fun!

SET OF 12  
**\$999.95**  
SAVE \$139.45



LER2936	Each	\$94.95
LER2936-4	Set of 4 Robots	\$349.95
LER2936-8	Set of 8 Robots	\$679.95
LER2936-12	Set of 12 Robots	\$999.95



COZMO

## Anki Cozmo | Year 3–6

NEW

Cozmo. The robot with the big brain and a bigger personality. Thanks to artificial intelligence, Cozmo expresses hundreds of emotions. Cozmo is made of 300+ parts that create one super smart, super entertaining robot. He doesn't just move, he explores, plots and plans. Cozmo is equipped with Code Lab, the perfect platform for new coders. Simply drag and drop a few blocks and you'll see Cozmo act out your creation.

**Programming Language/Software:** Cozmo Code Lab (drag & drop)

**Compatibility:** Cozmo is running on at least iOS 9.3.5, Android 5 (Lollipop), or Fire OS 5.4.0.0. Cozmo connects to your device via his own secure WiFi network.

Age Group  
Year 3–6

### Why Cozmo?

- Cozmo is not just smart technology but a character itself (Real-life robot with own personality, that talks, recognises, plays with you – like an actual pet)
- Don't just 'control' Cozmo with the free app, but more so interact with him to get him to do things
- Includes SDK that offers access not only to control Cozmo but also to access his range of character interactions
- WiFi connected and compatible with iOS and Android



### Anki Cozmo by Anki

NEW

Each box comes with one Cozmo Robot, one charger and three interactive power cubes.

MG0067

\$299.00

#### Key Features:

- Cozmo has 4 motors and over 50 gears, to move its threads, arms and head. Encoders determine how far Cozmo has moved, as well as the precise angle of his lift and head.
- Cozmo's face is a 128 x 64 resolution display that can show off his many emotions.
- Cozmo's arms are designed to carefully lift blocks and keep them balanced, but sometimes he prefers to use them to knock a stack of cubes over.
- He also comes with back lights and speakers and a 30 fps VGA camera and sophisticated facial recognition software.



### Code Lab

Everything Cozmo is capable of doing has been condensed into drag and drop blocks you can string together. By simplifying programming into a more accessible format, anyone can code. Each block represents an action, movement or animation. To make Cozmo come to life, simply drag and drop blocks together and watch him go. With Code Lab, you're only limited by your imagination. String together complex animations, actions, events and movements to choreograph what you want Cozmo to do.



No further discounts or promotions apply



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





Pro-Bot



## Pro-Bot | Year 2–6

When children need a bigger challenge than the Bee-Bot, Pro-Bot provides the next step. The built-in LCD screen makes on-board programming easy. Use distance for movements and degrees for turns, or program the sensors for more advanced control techniques. It has the capability to repeat and follow a series of commands, including a main program and sub-programs. Built-in touch, light, and sound sensors give Pro-Bot the ability to respond to its environment, making it a great platform for teaching the basics of robotics.

Age Group  
Year 2–6

**Programming Language/Software:** On-board programming or Pro-Bot software (sold separately)

### Why Pro-Bot?

- Pro-Bot can be used simply by programming the arrows or accepts more complex commands with on-board programming
- Teach geometry and art using the pen mechanism to create amazing patterns involving subroutines. This also allows for immediate confirmation of the program
- Easily edit your programs on the Pro-Bot screen
- Teaches uses of touch, light and sound sensors
- PC software available for further programming (optional)
- Compact, fun and easy to use in the classroom



### 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	\$239.95
TTSP0535-4	Set of 4	\$931.95
TTSP0535-8	Set of 8	\$1,742.95
TTSP0535-15	Set of 15	\$3,252.95

SET OF 15  
**\$3,252<sup>95</sup>**  
SAVE \$346.30

### 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®



### Pro-Bot Group Pack

TTSP0535K1 Group Pack \$1,058.95

Get started with Pro-Bot using this complete bundle! This kit contains 4x Pro-Bots (TTSP0535), 1x Amusement Park Mat (TTSP007), Pro-Bot Markers Set (TTS005).

~~\$1,093.85~~  
**NOW ONLY**  
**\$1,058<sup>95</sup>**  
 SAVE \$34.90



#### 1. 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

TTSP0535-4 Set of 4 \$931.95

#### 2. Amusement Park Mat

Experience all the fun of the fair with this fun amusement park mat. Designed to make children think more creatively about the angles at which Pro-Bot would be traveling along each ride. Size 125 x 125cm.

TTSP007 Each \$109.95

#### 3. Black Markers

These dry wipe black markers are water-based and have washable ink.

TTSP005 Set of 12 \$24.10



#### Pro-Bot & K'NEX® Pack

This kit consists of 4x Pro-Bot (TTSP0535) and one set of K'NEX Introductory Building Set. This allows you to personalise your Pro-Bot with the K'NEX pieces. Combine digital technologies with engineering and design! Enhance the car design to let Pro-Bot carry objects around, convert into a tank or create a space ship. The possibilities are endless!

TTSP0535K2 \$1,044.95



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





Sphero



## Sphero | Year 3–10

Designed to inspire curiosity, creativity, and invention through connected play and coding, SPRK+ is far more than just a robot. Powered by the Lightning Lab app, you can easily learn programming, complete hands-on activities, and share your creations with the community. Navigate a maze. Program a painting. The visual block-based building app makes learning the basic principles of programming approachable and fun. Drag and drop actions, controls, operators, and more to learn how your Sphero works. The written code you create can then be viewed right beside your block sequence for a more advanced understanding of the C-based language.

**Programming Language/Software:** Lightning Lab – new  
**Compatibility:** iOS 8 and up, Android 4.0.3 and up, Kindle Fire (2015), Fire HD 6, Fire HD 8 or Fire HD 10

Age Group  
Year 3–10

### Why Sphero?

- Sphero supports different levels of learners, from beginners to advanced. Beginners draw paths that represent codes, intermediate coders move on to block-based drag and drop programming and pros use JavaScript and write text programs
- The Sphero EDU app is very education-STEM-STEAM focussed with designated education guides and support available
- Sphero is water- and scratch proof, which allows you to let Sphero swim across water, navigate a maze, program a painting or mimic the solar system. The only limit is your imagination



### 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 \$199.95

### Sphero 2.0

Sphero 2.0 is supplied with 2 ramps that provide instant fun and challenge. It comes with an inductive charging base for easy charging and a quick start guide to get you rolling problem free.



MG003 Each \$200.95



### Sphero Covers

Shields your Sphero against the elements and protect your Sphero from scratches and scuffs. The Nubby cover provides unbeatable traction for all types of terrain, where the Turbo cover gives traction and control to speed past your competition. Suitable for all Sphero versions. Each type of cover is available in two colours.

MG001A	Nubby – Orange	\$27.40
MG001B	Nubby – Blue	\$27.40
MG001T	Turbo – Teal	\$27.40
MG001R	Turbo – Red	\$27.40



**NEW**

### Sphero Terrain Park

Get vertical with the all new Sphero Terrain Park. Ramp, roll and ride the rails. With five challenging configurations, the customisable Sphero Terrain Park puts your skills to the ultimate test.

MG001P \$38.95



**NEW**

### Sphero EDU Maze Tape

This Maze Tape refill pack includes 6 rolls of tape to keep your personal projects moving, your class programming, and your posters on the wall. Each roll is 13 metres long and has metric unit markings (both cm and m).

MG010 6 pack \$43.95

No further discounts or promotions apply



**NEW**  
**Sphero SPRK+ Complete Classroom Solution**

Everything you need to have educational fun with Sphero!

MG005K \$2,529.95

**Included in the kit:**

- 12 Sphero SPRK+ Robots
- 12x Maze tape, 360 degree protractors and sticker sheets
- 12x Quick start guides
- 12x Inductive charging bases with USB charging cables
- 3x Blue Nubby cover, 3x Orange Nubby cover, 3x Teal Turbo Cover and 3x Red Turbo Cover
- 3x Sphero Terrain Park
- 1x 10-Port USB Charger

Includes 12x Sphero SPRK+ Robots



## The SPRK Lightning Lab App

The SPRK Lightning Lab App is simple enough for beginners, yet sophisticated enough for seasoned programmers. The visual block-based coding interface makes learning the basic principles of programming approachable and fun.

- Drag & drop programming
- Create activities & programs
- Drive your robot
- See code in text-based viewer
- Create custom variables
- Get real-time sensor feedback

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 \$2,999.95

Set of 12

**Sphero SPRK+ Edition - Education 12 Pack**

This is a pack of 12 Sphero SPRK+ robots especially designed for educators. Also included in the pack are 12x Inductive charging bases with USB charging cables, 12x Maze tape, 360 degree protractors and sticker sheets. The Quick Start guide helps you to get you rolling straight out of the box.

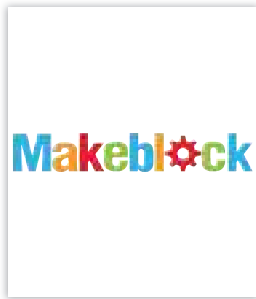
MG005 Each \$2,001.95



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



mBot



## 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  
**\$1,350.00**  
 SAVE \$49.50



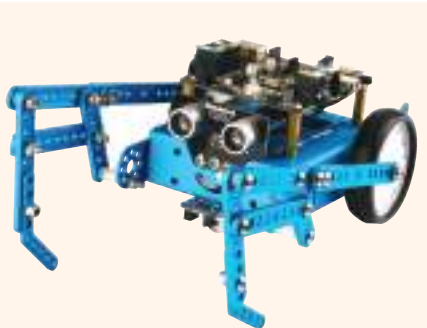
### Makeblock mBot V1.1

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:

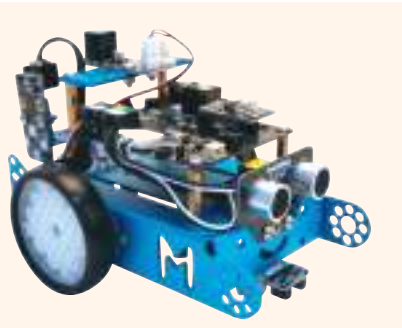
- Electronic parts are based on the Arduino open source ecosystem
- Input: Light sensor, button, infrared receiver, ultrasonic sensor, line follower
- Output: Buzzer, RGB LED, infrared emitting, two motors, 4 ports
- mCore programming board with four colour-labelled RJ25 connectors for easy wiring and 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.

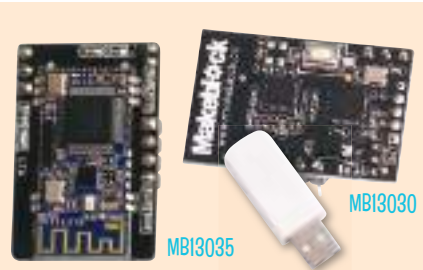
MB98050	Pack	\$29.95
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### Servo Pack - mBot Add-on Pack

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
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### 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





## 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



### 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

#### 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



SET OF 10  
**\$2,900<sup>00</sup>**  
 SAVE \$99.50



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





## Ultimate Bot 2.0



## Ultimate Bot 2.0 | Year 4–11

Ultimate Bot 2.0 is a flagship robot kit based on Makeblock platform with rich features and strong compatibility. Whether you are an enthusiast of Raspberry Pi or Arduino, a mechanical or electronics engineer, a teacher, or a student, it helps you learn the knowledge of mechanical structures, electronic modules and programming skill with ease.

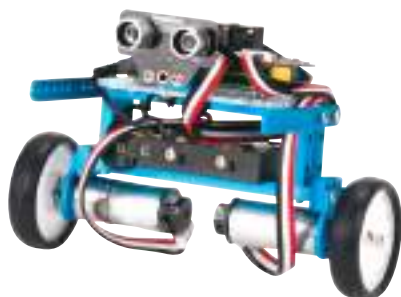
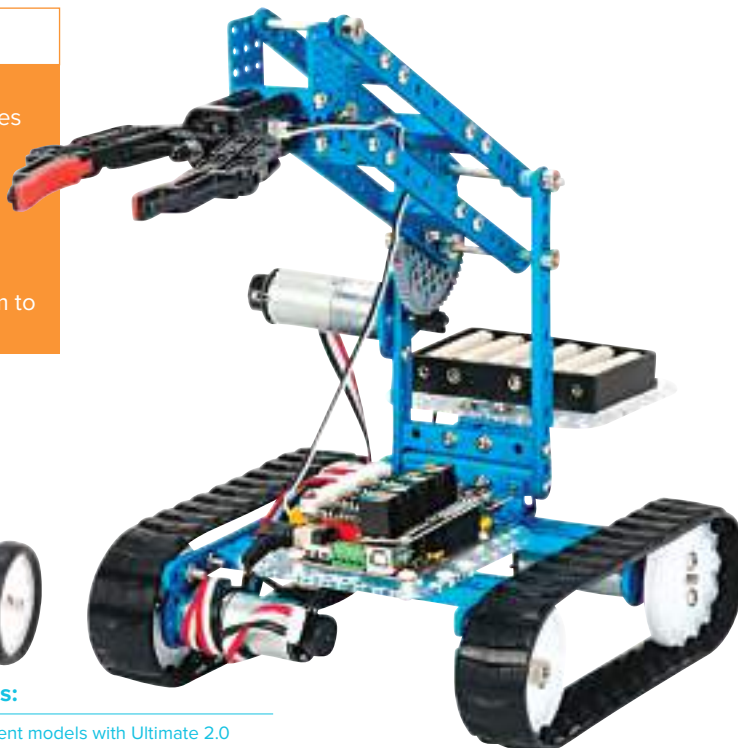
**Programming Language/Software:** mBlock, Makeblock HD, Arduino, Python, Scratch

**Compatibility:** Apple tablets: iOS 7.0 or later, Android tablets/phones: Android 3.0 or later, PC and Mac

Age Group  
Year 4–11

### Why Ultimate Bot 2.0?

- Infinite extensibility: Satisfy your creative needs with a rich range of standardised parts and electronic modules
- Combine mechanical structures, electronic modules and programming skills with ease
- Multiple control methods: Compatible with graphical programming, Arduino or Raspberry Pi with Python, Node JS
- The ability to program on tablets or PCs gives freedom to suit every classroom and situation



SET OF 10  
**\$6,599<sup>95</sup>**  
SAVE \$1,099.56

### Ultimate 2.0 - 10-in-1 Robot Kit

The Ultimate 2.0 is powered by the MegaPi, a small but powerful mainboard based on Arduino MEGA 2560. It has 6 function areas, which can be connected with modules to realise wireless communication or drive various motors. It can be used to build various robots, such as 3D printer and other robotic projects. The Ultimate 2.0 can be programmed with PC or tablet. Great for learning robotics, electronics, graphical programming, Arduino programming and Python programming.

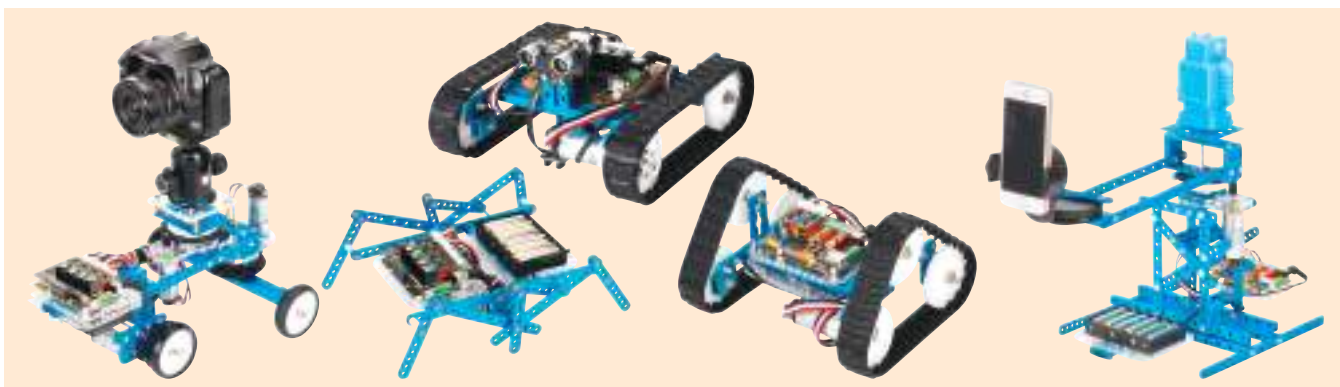
MB90040	Each	\$769.95
MB90040-5	Set of 5	\$3,739.95
MB90040-10	Set of 10	\$6,599.95

### Key Features:

- Build 10 different models with Ultimate 2.0
- Powered by MegaPi, supports programming with Arduino IDE.
- One Raspberry Pi switch interface (requires manual soldering)
- Wireless communication interface for adding Bluetooth module or 2.4G module
- Ten servo interfaces, capable of driving 10 servos or 8 DC motors simultaneously
- Two high-power MOS driver interface which are able to drive devices with a maximum current of 10A
- Three powerful encoder motors enable you to feel every step of the robot
- Wirelessly control your robot with smart devices through Bluetooth connection.

### Electronic modules included:

- 1x MegaPi
- 1x MegaPi Shield for RJ25
- 1x Bluetooth Module
- 4x Motor Driver
- 3x Encoder Motor
- 1x Ultrasonic Sensor
- 1x Line Follower Sensor
- 1x 3-Axis Accelerometer and Gyro Sensor
- 1x RJ25 Adapter
- 1x Shutter
- 1x Makeblock Gripper





**Makeblock - Me 7-Segment Serial Display - Red**

A classic 4-digit common anode 7-segment display, usually used to display numbers and a few special characters.

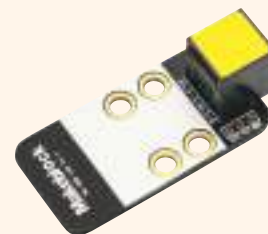
MB13402 Each \$17.50



**Makeblock - Me PIR Motion Sensor**

Detect motion from animals/humans from about 6m away.

MB11010 Each \$15.30



**Makeblock - Me RGB LED Module**

This module has 4 full colour RGB LEDs. Each LED can be controlled individually to adjust its brightness and create any colour by mixing different amounts of red, green, blue.

MB13400 Each \$13.10



**Makeblock - Me LED Matrix 8x16**

Allows you to give expressions, animations, or all sorts of other fun displays to your mBot, by programming the mBlock software. It has 128 blue LEDs packed into 16x8 dot matrix. mBot not included.

MB13412 Each \$21.90



**Makeblock - TT Geared Motor**

The new power source with plastic gears in Makeblock platform. It can be used in mBot as the power source.

MB81320 Each \$8.70



**Makeblock - Me Temperature Sensor - Waterproof**

This waterproof temperature sensor is 50cm long and measures from -55 to +125°C.

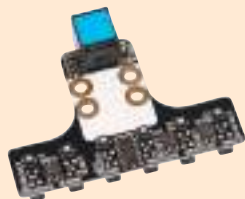
MB11014 Each \$15.30



**Injection Omnidirectional Wheel**

The injection omnidirectional wheel is made of a steel ball and plastic bracket, the wheel turns freely in any direction. It is compatible with the mBot or other three-wheeled robot cars.

MB87020 Set of 2 \$5.40



**Me Line Follower Array**

Perfect to create line-following robots. It has 6 pairs of infrared probes with high-precision comparators to compare the detected colours.

MB11044 Each \$27.40



**Me RJ25 Adapter**

Converts the standard RJ25 port into 6 pins (VCC, GND, S1, S2, SDA, and SCL) to make them compatible with electronic modules from other manufacturers, such as temperature sensors and servo modules.

MB13801 Each \$8.30



**Me 3-Axis Accelerometer and Gyro Sensor**

Ideal module for motion and posture detection of robot. Includes a 3-axis accelerometer, a 3-axis angular velocity sensor, and a motion processor.

MB11012 Each \$40.95



**Me Light Sensor**

Detect the intensity of ambient light.

MB11007 Each \$13.80



**Me Sound Sensor**

Detect ambient sound intensity.

MB11008 Each \$13.80



**Me Digital Compass**

Detect the intensity of surrounding magnetic fields and make the moving device or equipment rotate to a specified direction.

MB11024 Each \$21.90



**Me Touch Sensor**

The touch sensor is triggered by finger touch.

MB11020 Each \$17.50



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



Edison



## Edison | Year 3–8



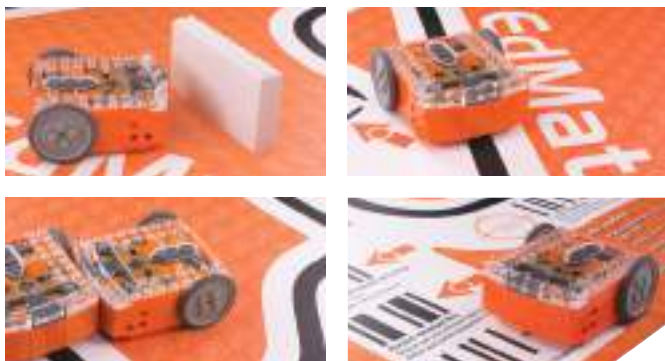
Edison is an affordable robot for learning and inventing. It is LEGO compatible and easy to program. Download the free software, lesson plans, EBooks and floor mats online and get started straight away! Edison can be programmed with three different platforms for stepped learning.

Age Group  
Year 3–8

**Programming Language/Software:** EdBlocks, EdWare and EdPy  
**Compatibility:** Windows, Mac, Linux, iOS (iPad) and Android

### Why Edison?

- Edison is the super affordable robot
- With three types of programming languages, Edison grows with your students from beginner to advanced programmers
- Compatible with LEGO bricks, modular and easily expandable to create bigger and better models
- Classroom ready - find robotics lesson plans online to get you started straight away
- Open and free software for Windows, Mac, Linux, iOS and Android
- Built to last - tough enough to be driven over by a car!

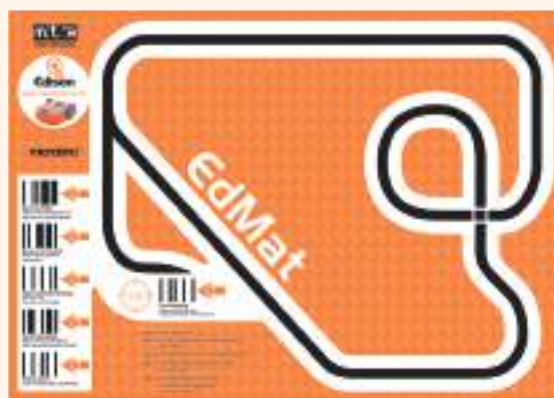


SET OF 15 & 3 EDMATS  
**\$1,196<sup>95</sup>**  
SAVE \$131.15

### Edison Robot v2

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

EDM001V2	Single Robot	\$76.95
EDM001V2-2	Set of 2	\$148.95
EDM001V2-3	Set of 3	\$212.95
EDM001V2-5	Set of 5	\$350.95
EDM001V2-10	Set of 10 & 2 Edmats	\$847.95
EDM001V2-15	Set of 15 & 3 Edmats	\$1,196.95



### 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	\$57.95
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**NEW**

**Edison Complete Classroom Solution**

This kit includes everything you need to use Edison in the classroom.

EDM001-KIT1 \$1,154.95

**Robot communications**

- 10x Edison
- 2x EdCreate - each set includes 115 LEGO compatible Building elements
- 5x EdMat
- 1x EdComm Spare Cables - set of 10

Price: ~~\$1,219.10~~ **\$1,154<sup>95</sup>** SAVE \$64.15



**NEW**

**EdCreate 115 LEGO Compatible Building Pieces**

Create bigger and more impressive models with EdCreate. This pack of 115 LEGO compatible building elements to compliment the Edison robot.

EDM004 \$43.95



**NEW**

**EdComm Cables**

A set of 10 rugged replacement cables to upload your program to your Edison.

EDM005 Set of 10 \$71.95

### Robot sensors

- Left and right infrared obstacle detection – Navigate through a maze and avoid collisions
- Left and right light sensors – Follow a torch/flash light or find a dark corner
- Clap detector – Sense load sounds such as claps to control driving
- Line tracking sensor – follow lines and stay within borders

### Lights, sound and action

- Left and right red LED lights – Flash the LED lights to add a cool look
- Buzzer – Gives sound feedback and can play musical notes
- Two motors with encoders – Drive Edison or use the LEGO cross axles to power a new invention

### Robot communications

- Infrared receiver – Remote control from a standard TV/DVD remote control
- Infrared LEDs – Transmit messages and control commands to another Edison robot
- Infrared receiver – Receive messages and control commands from another Edison robot

### Multifunction line tracking sensor

- Edison's line tracking sensor has three functions:
1. Detect lines – Contrast between black and white surfaces
  2. Read barcodes that activate pre-programmed functions
  3. Receive the programming signal from EdWare via the EdComm cable

### LEGO compatibility

Edison has been designed as a modular robotics system that is easily expandable using LEGO® bricks. Two or more Edisons can be connected together.

### Software

Edison is programmed using EdBlocks, EdWare or EdPy. The software is free and open source and works on Windows, Mac and Linux computers and iOS, Android and Chromebook. For full compatibility and more information about the software, please refer to our website.



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

Cubelets



## Cubelets | PS-Year 6

**NEW**

Cubelets® Robot Blocks make it fast and easy to engage students as young as four in learning by building robots. Each Cubelet block has its own function, grouped into SENSE, THINK and ACT blocks. Just snap them together and go! Transform these pre-programmed blocks into brilliant bundles of robotic curiosity. And, when combined with the Bluetooth block and the Cubelets Blockly app or the Cubelets Flash app, you can program each robot block to see how it changes the behaviour of your whole creation!

**Programming Language/Software:** Use Cubelets offline or in combination with Blockly and Flash (C-code)

**Compatibility:** iOS and Android devices, MacOS, Windows

Age Group  
**PS-Year 6**

### Why Cubelets?

- Engaging and accessible for all levels of learners. Students from pre-K to college enjoy exploring and learning with Cubelets
- Pre-programmed cubes can be combined in different ways to change the behaviour of the model - without coding!
- OR use the Bluetooth module to add the ability to code and remote-control robots to expand the learning experience
- Free lesson plans, extensive Getting Started Guide, and Blockly programming tutorial are available
- LEGO compatible with included Brick Adapters to build bigger and more impressive models



54  
Cubelets

**NEW**

### Cubelets Mini Makers Educator Pack

This pack was designed with Pre-K and Kindergarten students in mind, but works great with older students too. It supports 6 groups of learners. Includes Bluetooth block for Cubelets programming activities. Includes 54 SENSE, THINK, and ACT Cubelets, Brick Adapters, storage, and a 5-port battery charger. Find a full list of specifications on our website.

CB003

\$2,199.95

### Cubelets SIX

Includes a Drive, Flashlight, Brightness, Distance, Battery and Passive block, and two Brick Adapters. Please note: the Bluetooth module to program your creations is not included in this kit.

CB006

\$241.95



**NEW**

**NEW**

### Cubelets TWELVE

Cubelets TWELVE is the best mix of SENSE, THINK and ACT blocks for novice and experienced builders.

Includes: 2x Drive, Rotate, Flashlight, 2x Distance, Brightness, Inverse, Passive, Blocker, Battery, Bluetooth, 2x Brick Adapter, Charging cable.

CB012

\$494.95



**NEW**

### Cubelets TWENTY

Includes 2x Drive, Rotate, Speaker, Flashlight, Bar Graph, Knob, Brightness, 2x Distance, Temperature, 2x Inverse, Minimum, Maximum, Battery, 2x Passive, 2x Blockers, 4 Brick Adapters. Please note: the Bluetooth block to program your creations is not included in this kit.

CB020

\$879.95





56  
Cubelets

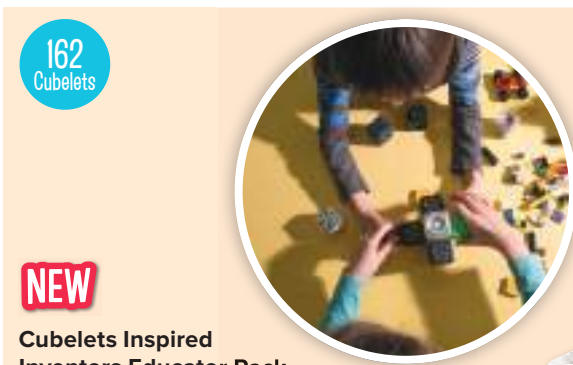
**NEW**

**Cubelets Creative Constructors Educator Pack**

This Pack supports 4 working groups, each with their own Bluetooth blocks to program their Cubelets robot. Includes 56 SENSE, THINK and ACT Cubelets, Brick Adapters, storage and a 5-port battery charger. Find full specifications on our website.

CB002

\$2,419.95



162  
Cubelets

**NEW**

**Cubelets Inspired Inventors Educator Pack**

The pack that has it all! Perfect for Makerspaces, classrooms, libraries, museums, and educators who recognise that kids love Cubelets and can't get enough of them. This set is intended to give individual learners and teams the chance to deeply explore the high potential of Cubelets. Includes 162 SENSE, THINK (of which 6 Bluetooth modules), and ACT Cubelets, Brick Adapters, storage, and two 5-port chargers. See a full list of blocks included on our website.

CB001

\$6,379.95




**NEW**

**Cubelets Bluetooth**

Turn your pre-programmed Cubelets into reprogrammed units with the Bluetooth Cubelet! It allows you to connect to the Blockly or Flash app to extend your robotics creation and see it change behaviour!

CB005 \$87.95



**NEW**

**Cubelets Battery**

This Cubelet provides the energy needed to make your robots spin, drive and squawk. You will need a Battery Cubelete for each robot construction.

CB007 \$65.95



**NEW** LEGO® compatible

**Cubelets Brick Adapter**

Use these little yellow adapters to connect Cubelets and LEGO® bricks!

CB008 \$19.70



Robotics Arm



## Robotics Arm | Year 8+

**NEW**

XYZ Robotic Arms allows you to enter the world of robotics with these accessible models. Control it through remote control or take one step further to control each degree of smart servos individually by using XYZ motion editor. It can perform most hand motions by manually entering commands in the motion editor to run pre-set motions, or control each servo individually. The gripper can easily be made and modified, you can even use 3D printable parts!

**Programming Language/Software:** XYZ Motion Editor which includes Arduino and the Wheel Firmware for the XYZ robot

**Compatibility:** Windows 7 or later, Mac OS X 10.8 or later, Arduino IDE 1.0.6

Age Group  
Year 8+

### Why XYZ Robotic Arms?

- XYZ Robotic Arms provide an easy and fun entry point to robotics and builds up the preliminary robotics skills
- Learn about automation controls, and basic mechanical assembly
- Engage in Arduino programming knowledge
- Develop critical thinking and problem solving skills
- From entry level to high-performance control

**NEW**

#### XYZ Robotic Arm K-100 - XYZ Printing

This six axis robot with wheels can rotate parts, with gripper allows for greater flexibility and moving to any point. More fun and variability in operation and programming. It is good at reaching in and around objects and more complicated route designing.

Not available

#### Key Features:

- High Torque - Works more efficiently and provides the gripper with an appropriate amount of power
- Large range of motion - Base rotation of 330 degrees and extensive motion
- 8 Smart Servo Motors
- AC adapter: 12V, 7.5A
- Main controller : ATmega1280
- Bluetooth 4.0/Bluetooth 4.1 stack



Includes wheels

**NEW**

#### XYZ Robotic Arm K-100 - Advanced - XYZ Printing

An advantage for handling parts or tools at various angles and positions. Six axis robot arm and can perform a wide variety of motion, move forward and back, up and down, and can yaw, pitch and roll to offer more directional control.

Not available

#### Key Features:

- Advanced robotic arm mechanical for 6 smart servos
- More complicated robotic arm programming with more servos movements
- Cramp control learning
- 6 Smart Servo Motors
- Main controller : ATmega1280
- Bluetooth 4.0/Bluetooth 4.1 stack"



**NEW**



## Makeblock Neuron | Year 3–8

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**



### 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	\$197.95
MB3001-5	Set of 5	\$956.95
MB3001-10	Set of 10	\$1,869.95



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



## SAM Labs



## SAM Labs | Year 3–8

**NEW** exclusive

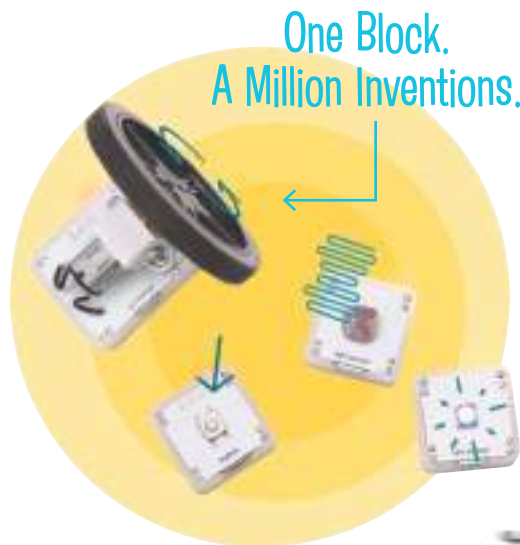
SAM Labs makes smart construction kits of clever little blocks and a fun app that give everyone the power of technology to build inventions. SAM Labs is a combination of hardware blocks and software blocks, and offers students the ability to build and program their own inventions while learning the key 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



### 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

\$329.95







**NEW** exclusive

**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

\$879.95



**NEW** exclusive

**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

\$252.95



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



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!

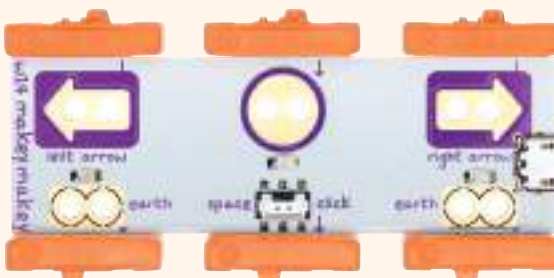
LIB689 \$219.95



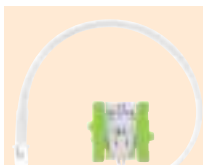
### littleBits Makey Makey Module

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 \$109.95



**littleBits Power Module**  
LIB101 \$17.50



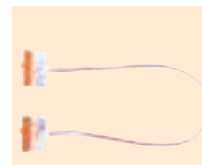
**littleBits Long LED Module**  
LIB202 \$29.60



**littleBits DC Motor Module**  
LB205 \$53.95



**littleBits Slide Switch Module**  
LIB301 \$29.60



**littleBits Wire Module**  
LIB401 \$29.60



**littleBits 9V Battery & Cable**  
LIB512 \$12.00



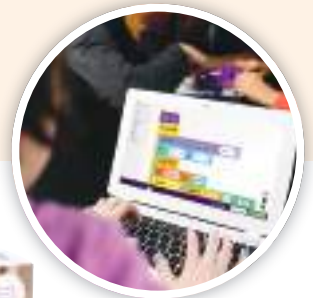
**NEW**

**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

\$604.95



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

\$549.95



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.





## Makey Makey



### Makey Makey | Year 3+

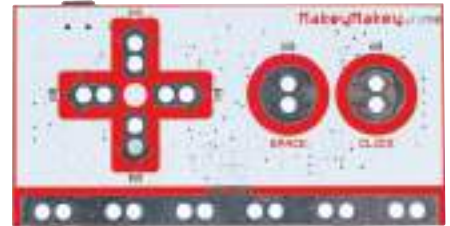
Makey Makey is the ultimate STEAM invention kit which works through opening and closing circuits. Turn everyday objects into touchpads and combine them with the internet. Connect the circuit board via alligator clips to anything and everything that conducts electricity, to create a circuit. Connect the 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



#### 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

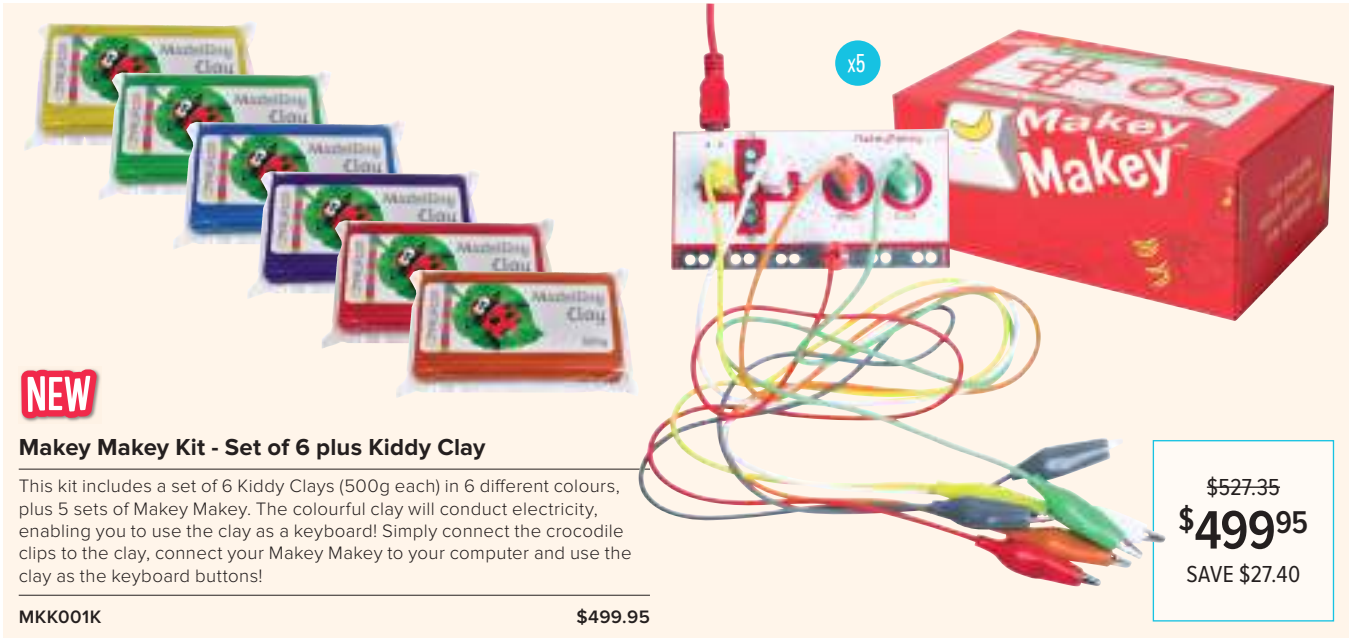
Each kit includes the Makey Makey Board, USB Cable, 7 Alligator Clips, 6 Connector Wires, Instructions with Visual Project Start Guide, Online Documentation, and 20 Colour Stickers. Connects via USB (Not compatible with iPads or tablets).

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

SET OF 10  
**\$894<sup>95</sup>**  
SAVE \$104.55

Turn banana into piano keys with Makey Makey!





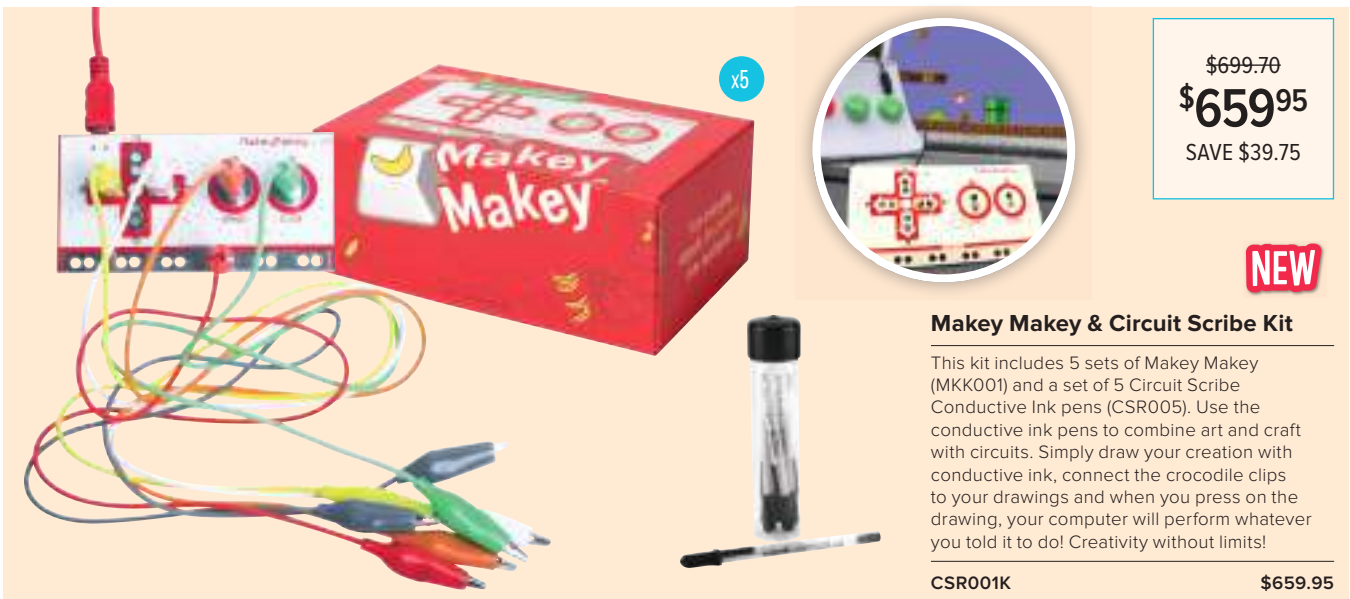
**NEW**

**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!

MKK001K \$499.95

\$527.35  
**\$499.95**  
 SAVE \$27.40



**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 \$659.95

\$699.70  
**\$659.95**  
 SAVE \$39.75

**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 programming 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.

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

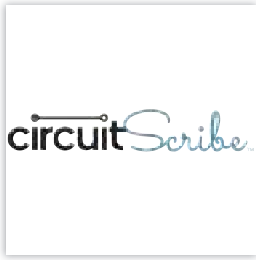


SET OF 10  
**\$431.95**  
 SAVE \$67.55





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.



### 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      \$199.95



### 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      \$149.95



### 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      \$89.95



### 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      \$199.95



## Wearable Technology | Year 5+

Wearable Technology are clothing and accessories incorporating computer and advanced electronic technologies. The wearable tech group pack allows students to practise with simple electronic circuits, while being creative. Students learn about the positive and negative connection of each component, and by connecting them in the correct way they can create wearables, greeting cards or any other craft projects that light up! **WARNING: Contains cell/button batteries. Hazardous if swallowed. Seek immediate medical attention.**



### Wearable Technology

These wearable technology packs come in three different sizes, depending on the size of your project and class.

EIS0610	Starter Pack	\$32.95
EIS3030	Group Pack	\$69.95
EIS1590	Class Pack	\$258.95

#### EIS0610

- 6 Coin Cell Batteries
- 10m of Conductive Tape (6mm thick)
- 30 LEDs in 3 different colours

#### EIS3030

- 30 Coin Cell Batteries
- 30m of Conductive Tape (6mm thick)
- 150 LEDs in 3 different colours

#### EIS1590

- 90 Coin Cell Batteries
- 15x 10m of Conductive Tape (6mm thick)
- 300 LEDs in 3 different colours



~~\$573.70~~  
**\$467<sup>95</sup>**  
 SAVE \$105.75



### Wearable Technology Craft Class Pack

This pack includes everything you need to create your own clothes and accessories that light up! Stick the batteries, conductive tape and LED lights to the cardboard strips, cut holes in the accessories or clothes where you want the LED light to shine through and stick the cardboard strip to the fabric in the right spot. You've just made your personalised clothes and accessories, simple as that!

- 90 Coin Cell Batteries
- 15x 10m of Conductive Tape (6mm thick)
- 300 LEDs in 3 different colours
- 10 Medium kids-sized cotton shirts (size 12)
- 10 Large kids-sized cotton shirts (size 14)
- 10 Calico bags with handle
- 10 Legionnaire caps
- Pack of 100 cardboard strips (10 x 60cm)

**Warning: Contains coin/button batteries. Hazardous if swallowed. Seek immediate medical attention**

EIS1590K	Class Pack	\$467.95
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**FREE freight on all orders over \$99.** Conditions apply, see website for details.



Pai Technology



Pai Technology | K-Year 6

**NEW**

Pai Technology combines educational games with technology, to strengthen imagination, problem solving skills, critical thinking and digital literacy while students have fun exploring challenges and activities. Enhance students' education and development through fun, educational and imaginative STEAM-based play.

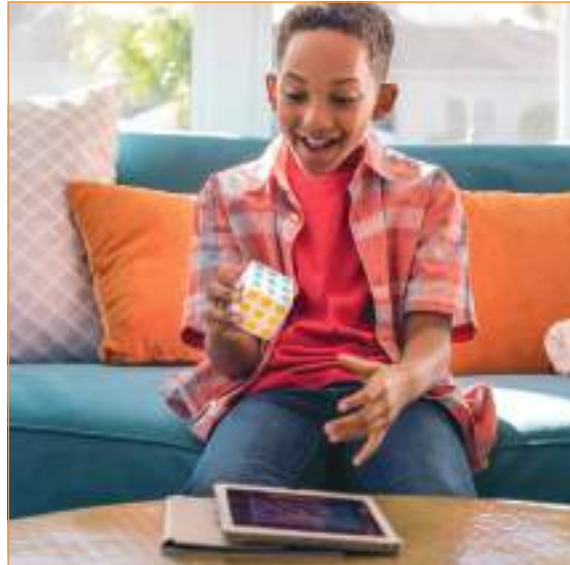
**Programming Language/Software:** TJs Tangram, Cube Tastic, Ocean Pets, Little Engineer, Circuit Conductor, TJs Maths Adventures

**Compatibility:** iOS 8.0 and above for all apps, Android 4.3 and above for Cube Tastic, Ocean Pets and Pai Circuit.

Age Group  
**K-Year 6**

**Why Pai Technology?**

- Combine educational fun with hands-on learning on iPads and tablets and use screen-time effectively and for educational purposes
- Pai technology is the affordable option to introduce physical products in combination with tablets
- Cross-curricular options for maths, science, art, coding and more
- Instant feedback



Scan.  
Learn.  
Solve.



**NEW**

**Pai Cube-Tastic - Puzzle Cube with Free App**

Cube-Tastic uses 3D Augmented Reality technology and a free app to teach you step-by-step how to solve the cube in under 60 seconds! Simply scan the cube, learn and solve! Cube-Tastic develops hand-eye coordination, concentration, memory, focus, and logic skills. Compatible with both iOS and Android devices.

PAT001

\$27.40

**NEW**

**Pai TJ's Tangram Including Base**

Go on an adventure with TJ and integrate the ancient Chinese game of tangrams with technology. Animations and gameplay come together as students watch a story, solve the puzzle and complete the level. This tangram game encourages logical and problem solving skills, imagination, creativity and spatial awareness. Students can play over 780 puzzles. Includes one tangram (7 pieces) and the base.

PAT030 \$65.95

Make your own virtual aquarium

**NEW**

**Pai Ocean Pets AR Craft Kit Including Base**

Turn every space into your own virtual aquarium using augmented reality and our special lightweight putty. Use mess-free putty to create your own fish, then scan them into your device with the free app and see your pet come to life with 3D Augmented Reality! Care for your pets while learning fun facts about the ocean and its wonderful and colourful inhabitants. Comes with 8 cutting moulds in shapes of various fish, and 8 different colours of putty. Compatible with all iOS and Android devices.

PAT014 \$76.95



**NEW**

**Pai Little Engineer Set Incl Base**

STEM Lab Little Engineer combines logic blocks and Augmented Reality technology to create a unique learning experience. It gives students the fundamental skills of programming. The free app guides engineers-to-be through puzzles of varying difficulties. Students must use their physical logic blocks to successfully program the little alien Q to complete the level, all while they learn basic programming and logic skills. A great way to use screen time in a productive way! Includes 15 programming blocks and base.

PAT004 \$87.95

Learn programming & logic skills



Learn about circuits while seeing the electrical flow & values in real time

**NEW**

**Pai Circuit Conductor**

Engage in STEM education! Circuit Conductor teaches children about electricity, currents, and magnets through fun, imaginative play! Use 12 different electrical function blocks and 6 special insulated wires to build fun circuits and learn about electricity through a free app including lesson plans! Scan circuits to view electrical flows in real time. Function blocks create sound, light up, and some are even motorised.

PAT007 \$164.95



**NEW**

**Pai TJs Maths - Interactive Maths Games & Base**

TJ's Maths Adventures is a captivating game to introduce key maths concepts with hands-on activities and interactive real-time feedback. The free app sends students on a journey with TJ to save planet Mathmara, while learning about various maths topics, such as calculations and geometry. The set consists of 30 number tiles and an answer board. Place the iPad or tablet in the base provided, place the correct numbers on the answer board in front of the device and the app will give instant feedback.

PAT003 \$98.95

Practise basic maths & geometry skills

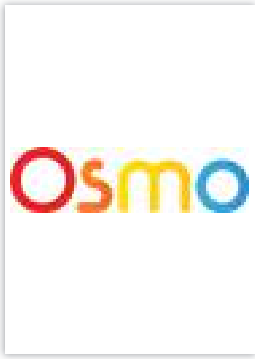


**FREE freight on all orders over \$99.** Conditions apply, see website for details.





Osmo



Osmo | K-Year 6

**NEW**

Osmo is an award-winning game system that will change the way your child interacts with the iPad and iPhone by opening them up to hands-on play. Osmo fosters learning in key areas such as: creative problem solving, art, and STEM. Put your iPad in the Osmo base with the red reflector over the camera and now it can see what's in front of it! View students' progress at your myOsmo page.

**Programming Language/Software:** the Osmo apps for iPads: Coding Awbie, Coding Jam, Masterpiece, Monster, Newton, Numbers, Pizza Co., Tangram and Words

**Compatibility:** iPad 2/3/4, iPad Mini/2/3/4, iPad Air/Air 2, iPad 9.7" and iPad Pro 9.7"/10.5"

Age Group  
K-Year 6

**Why Osmo?**

- Osmo enables the iPad to merge the power of physical play with the digital advantages of real-time feedback
- Osmo encourages creative thinking and social interaction by expanding gameplay beyond the screen (using actual physical tools that convert to digital technology in the app)
- Education guides and support available

**NEW**

**OSMO Numbers**

Learn counting, addition & subtraction, multiplication and maths confidence with Osmo Numbers. Create number sense while improving cognitive flexibility (encourage students to experiment with multiple solutions). Includes 40 tiles (numbers and dots) and the Numbers app. Please note: The Osmo Base & Mirror is required to play Numbers (only available with the Genius Kit (MG5096) & Creative Kit (MG5393).

**MG5058 Game only \$49.95**  
**MG5058K Game & Stand \$115.95**



Music & coding combined

**NEW**

**OSMO Coding Jam**

Coding and music: Twice the fun! Students can compose their own music by arranging Osmo's Coding Blocks into patterns and sequences. Students get to know coding's creative side while developing an ear for rhythm, melody and harmony. Once they've composed a jam, they can safely share it. Includes 23 magnetic coding blocks, stackable storage, a game poster and the Coding Jam app. Please note: The Osmo Base & Mirror is required to play Coding Jam.

**MG5379 Game only \$99.95**  
**MG5379K Game & Stand \$164.95**



**NEW**

**OSMO Pizza Co.**

The OSMO Pizza Game is perfect for practising addition, subtraction and fractions while improving fast-paced mental maths skills and nonverbal communication. Students place their pizza order, make the pizzas by combining ingredients, collect payment and count out the change. Successful players can invest their profit to upgrade their business! The kit includes the pizza tray, toppings, money tiles, the Pizza Co. app and stackable storage. Please note: The Osmo Base & Mirror is required to play Pizza Co.

**MG5409 Game only \$65.95**  
**MG5409K Game & Stand \$130.95**

Practise with maths skills

No further discounts or promotions apply

**NEW**

**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 \$160.95



**NEW**

**OSMO Creative Kit Including Stand**

The Osmo Creative Kit combines creative tools, games and cutting edge technology to foster creativity and problem solving skills. The kit comes with Osmo base and mirror, and includes 3 games (Monster, Materpiece and Newton), a creative board, Yoobi markers, fuzzy pouch and eraser cloth.

- Monster brings your drawings on the Creative Board to life in the Monster app.
- Masterpiece teaches drawing and creative confidence
- Newton teaches creative problem solving skills with creative engineering

MG5393 \$119.95



**NEW**

**OSMO Coding Awbie**

Coding Awbie is the easiest way to introduce coding to your students and to teach logic skills and problem solving. Students will learn how to place physical blocks into sequences, loops and if/or actions, so on-screen Awbie can walk around, jump over obstacles and grab strawberries in a magical world. Includes 19 magnetic coding blocks, Coding Awbie App, and stackable storage.

Please note: The Osmo Base & Mirror is required to play Coding Awbie.

MG5119	Game Only	\$79.95
MG5119K	Game & Stand	\$142.95

No further discounts or promotions apply



**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.

Age Group  
Year 7+

**Programming Language/Software:** Quirkbot Code via [code.quirkbot.com](http://code.quirkbot.com)  
**Compatibility:** Devices with a USB port and Google Chrome Browser

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!



Strawbees - Straws

**NEW**

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

IWA1350      350 pieces      \$43.95

**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      \$219.95

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





## Airblock | Year 5+

**NEW**

Airblock is an easy-to-use modular and programmable aircraft able to transform into drone, hovercraft, and more. Its graphical programming interface makes it a fun and intuitive aerial platform, while custom-engineered magnetic connectors makes assembly quick and easy. Airblock is simply the most enjoyable aerial platform for imagination.

**Programming Language/Software:** Makeblock APP

**Compatibility:** Android and iOS, connection via Bluetooth

 Age Group  
Year 5-∞

### Why Airblock?

- Airblock is so much more than just a drone, it can transform into a hovercraft or create new forms using your imagination
- Modular: One main module and six propeller modules with magnetic connectors makes the Airblock able to transform in creative ways, and incredibly fun
- Programmable: The Makeblock app's graphical interface makes programming fun and easy even for beginners without prior coding experience
- Safe to use: the unexposed blades, and soft but solid material make Airblock safe to use. You can even bump into walls without making dents!
- Airblock can be used in air, on land or in water!



### Airblock Drone

**NEW**

Airblock comes with one main module and 6 magnetic blade modules, and a hovercraft base. The main module has an ultrasonic sensor, barometer, six-axis sensor, RGB LED light, and lithium battery, with magnetic connections to connect the other 6 modular blades. Also included are 6 spare blades, 10 blade shields, 1 charger and 1 USB cable. The flight time is approx. 6 minutes, with a control range of 10m and a flight height of 5m. The 6 blade modules are made of styrofoam material, making them light, durable and safe to use.

MB9808

\$307.95



### Replacement Parts

Use these replacement parts when you have misplaced any of the pieces, or if you want to have some spare parts.

**NEW**

**Makeblock  
Airblock Spare  
Parts**

MB4001 \$6.50

**NEW**

**Makeblock  
Airblock Main  
Control Module**

MB4003 \$153.95

**NEW**

**Makeblock  
Airblock Power  
Modules—  
Clockwise**

MB4004 \$21.90

**NEW**

**Makeblock  
Airblock Head  
Power Module**

MB4005 \$21.90

**NEW**

**Makeblock  
Airblock Power  
Modules—  
Contrarotate**

MB4006 \$21.90

**NEW**

**Makeblock  
Airblock  
Battery**

MB4007 \$43.95



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



## CoDrone



## CoDrone | Year 7+

The CoDrone is a tiny quadcopter drone you can easily program to do whatever you want: follow you, engage in laser battles, go through a maze and more. Whether you are brand new to drones and coding or you're a long-time drone lover, you will have a blast with the CoDrone.

**Programming Language/Software:** Arduino IDE which uses C/C++, and additionally a custom CoDrone coding library.

**Compatibility:** Works on any device that can install Arduino. For a full list, please refer to our website.

Age Group  
Year 7-∞

## Why CoDrone?

- The ultimate drone that teaches you how to code, while opening up a world of activities within STEM
- Unlike most drones where tutorials are focused on how to fly the drone, CoDrone's lesson plans and tutorials focus on teaching the basics of coding and important computer science principles like debugging
- Program your remote to control the CoDrone with Arduino, an open-ended programming language with no limits to what can you program your drone to do (except flips, but we're working on that!)
- All lesson plans, tutorials, videos, curriculum and software is free!



## CoDrone - Programmable Educational Drone

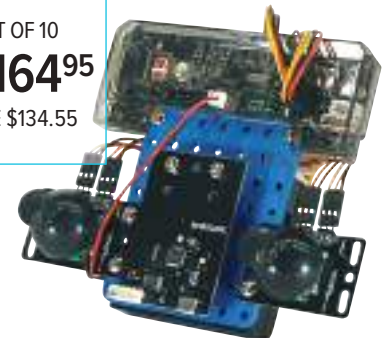
The CoDrone was developed specifically as a teaching tool for encouraging students to program. The simplified CoDrone library along with the internal stability and durability of the CoDrone make it the ideal classroom instrument.

CDR001	Each	\$329.95
CDR001-5	Set of 5	\$1,572.95
CDR001-10	Set of 10	\$3,164.95

## Key Features:

- Weight: 37 grams - safe to use around students
- Operating range: 500m
- Battery life: 8 minutes
- Battery charge time: 40 min
- Sensors included: IR sensors, Gyroscope: 3-axis gyroscope and 3-axis accelerometer for altitude control, Barometer Sensor: Assists with altitude control, Optical flow sensor for hovering
- Bluetooth 4.0 connectivity
- For indoor use only

SET OF 10  
**\$3,164<sup>95</sup>**  
SAVE \$134.55





**Transform your drone into a Rover!**

**CoDrone Drive Kit**

Transform your drone to a Rover with the CoDrone Drive Kit! This kit has to be used in combination with the CoDrone (CDR001).

**Kit includes:**

- 2 Wheels
- 2 Geared Motor Brackets
- 2 H-Wings
- 2 V-Wings
- 1 Wing Bracket
- 1 Wing Bracket
- 1 User Manual

CDR004      \$98.95



**Add a camera to your CoDrone**

**CoDrone FPV Kit**

This kit has to be used in combination with the CoDrone (CDR001). The FPV (First Person View) replaces the top shell on your CoDrone and replaces it with another shell which includes a camera. It connects to your phone over WiFi so you can watch while you fly!

**Key Features:**

- Video Resolution: HD 1280 x 720
- iOS and Android Smartphone Compatible
- Connectivity: Wi-Fi 2.4 GHz
- Plug and play, easy to replace
- Main Body / Drone not included

**Kit includes:**

- 2 Wheels
- 2 Geared Motor Brackets
- 2 H-Wings
- 2 V-Wings
- 1 Wing Bracket
- 1 Wing Bracket
- 1 User Manual

CDR003      \$98.95



**CoDrone Power Pack**

This power pack makes charging your CoDrone quick and easy. Each pack includes 1 Multi-Charger and 2 Lipo Batteries for high speed charging and longer flying time. The multi-charger can charge up to 4 batteries at the same time.

CDR002      \$98.95



**CoDrone Replacement Motor Set**

A set of 2 replacement motors for the CoDrone.

CDR005      Set of 2      \$43.95



**CoDrone Propeller Set - Black**

A replacement propeller set for CoDrone, supplied in black.

CDR006      \$10.90



**CoDrone Guard Set**

A replacement guard set for CoDrone, supplied in black.

CDR007      \$19.70



Parrot

**NEW**

Parrot

**Parrot | Year 6–12**

The Parrot Drones are the latest edition to the technology range. Drones are a great classroom resource and can be used for many different topics and subjects. Use them to create a video for a school project, survey land, monitor natural disasters, navigate a drone through an obstacle course, learn about the environment in real time or combine it with science and maths to calculate speed, velocity, distance, and much more.

**Programming Language/Software:** use one of the apps: Free Flight, Flight Plan, Tynker, Tickle, Apple Swift Playground

**Compatibility:** iOS 7 and up / Android 4.3 and up

Age Group  
Year 6–12

**Why Parrot Mambo?**

- Parrot drones have a great stability, and are robust and easy to fly
- Take snapshots while you're flying to see the aerial perspective with countless applications across STEM, as well as film, media and journalism, while learning about programming and coding
- Use the easy-to-use Free Flight app to get started, or use one of the educational coding apps Tynker, Tickle or Apple Swift Playgrounds to take drones to the next level!



**NEW**

**Parrot Mambo Fly**

The Parrot Mambo Fly comes with one mambo drone, 4 bumpers, a battery, a user guide, USB Cable, and clip. With integrated vertical camera, advanced flight controller and powerful sensors, Mambo is easy to fly indoors and outdoors. Comes with auto-pilot function.

**Parrot Replacement Battery for Mambo**

**NEW**

Never be out of power again! Rechargeable 550mAh LiPo battery for Parrot MiniDrones. For longer flying and rolling times! Compatible with Parrot Mambo

PAR7018      Each      \$32.95

PAR7068      Each      \$169.95



**Parrot Mambo Mission**

**NEW**

One drone, two accessories to test your skills. This kit not only includes the Mambo drone, but also comes with additional accessories Cannon and Grabber and Flypad. Also included are 4 bumpers, battery, USB cable, clip, holder for smartphone, and user guide.

PAR7067      Each      \$241.95



**Parrot Mambo FPV**

**NEW**

Surpass your limits with the Parrot Mambo FPV, fly your minidrone in an innovative way with first-person view. The included FVP Camera with 720P HD camera resolution and Parrot Cockpitglasses 2, you will be ready to become a true FPV pilot. Includes: Mambo drone, FPC Camera, Cockpitglasses, flypad, 4 hulls, USB cable and user guide.

PAR7066      Each      \$249.95

No further discounts or promotions apply

**NEW** exclusive

## Bloxels | Year 1-5

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



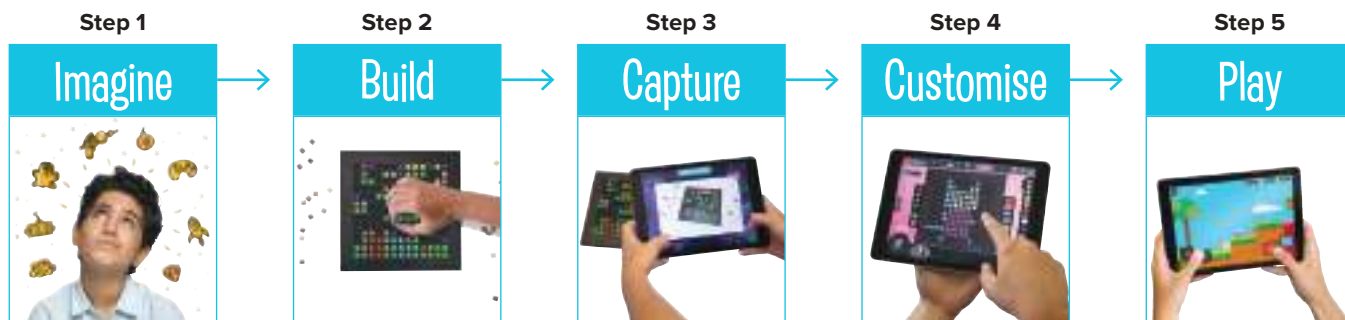
### Why Bloxels?

- 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?



20 PACK  
**\$1,429.95**  
 SAVE \$329.85

**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	\$439.95
BX63103-10	10 pack	\$846.95
BX63103-15	15 pack	\$1,099.95
BX63103-20	20 pack	\$1,429.95



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



3D Printers



3D Printers | Year 3+

**NEW**

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.

Age Group  
Year 3+

**Programming Language/Software:** XYZware (file types: .stl and XYZ format .3w)

**Compatibility:** Windows 7 and above, Mac OSX 10.8 and above (64-bit)

**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.

Not available

**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**

**NEW**

Now compatible with 3rd party filaments

**Da Vinci 1.0 PRO WiFi Printer - XYZ Printing**

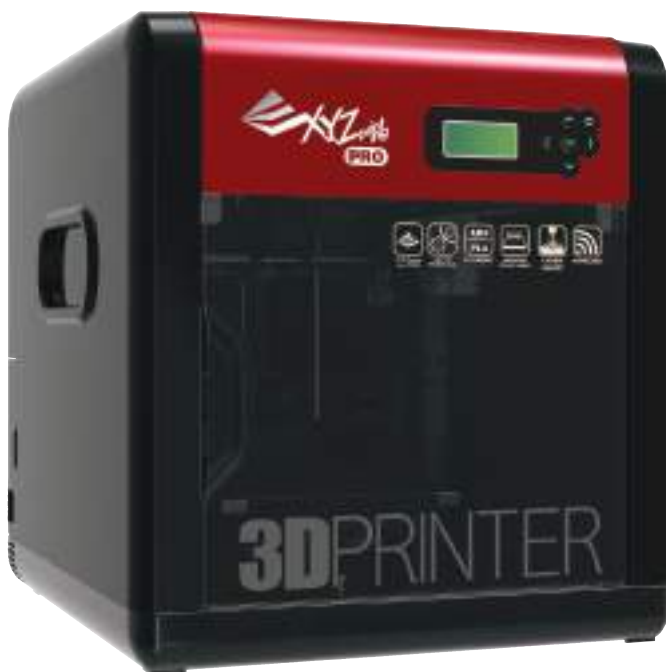
The Da Vinci 1.0 PRO WIFI allows you to adjust the temperature settings for the extruder nozzle and aluminium print bed which makes it compatible with third-party 1.75mm filaments. This 3D printer is the most versatile of its kind, providing different types of finishing quality. The da Vinci Pro comes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

Not available

**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



**Replacement Cartridge only for Da Vinci PRO 1.0**

This replacement cartridge is needed when you have lost your original cartridge. 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.

Not available

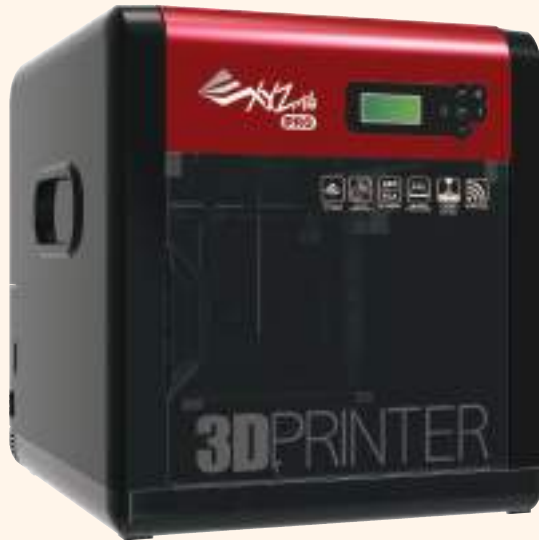
**NEW**



No further discounts or promotions apply



Not Available



Ideal for makerspaces

**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!

Not available

**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

x2



Full body scanning mode now available!

**NEW**

**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.

Not available

No further discounts or promotions apply

**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. Each filament is 600 gram. Ventilation is required when using ABS. Please note, these filaments don't include a cartridge. You can reuse the original cartridge that came with the 3D printer, or if you have misplaced this, please also order the replacement cartridge (MTT0173CART).

Not available

**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



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



Hue Animation



## Hue Animation | Year 2+

**NEW**

Tell your story with stop-motion videos made using HUE Animation for your Mac or PC, which was built specifically for students and teachers. A simple, user-friendly interface enables students of all ages to visually express their ideas within minutes. Easily snap images frame by frame, add narration and background sounds, make time-lapse movies, edit with paint tools, then share direct to Creatubbles, YouTube and other video sharing sites.

Age Group  
Year 2+

**Compatibility:** Windows XP, 7, 8, 10, or Mac OS X 10.5+ (Mac version requires an Intel processor)

### Why Hue Animation?

- Animation encourages students to solve problems, make decisions and judgements, evaluate and improve their projects and review and reflect on their learning
- Perfect for storytelling, while improving digital literacy skills
- A versatile cross-curricular tool, which brings projects to life and gives a welcomed change from the writing process routine



### 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

\$205.95



**NEW**

### Hue HD Pro camera & Software

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

\$197.95



**NEW**

### HUE Animation Software

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	\$208.95
HUE010	10 Licenses	\$384.95
HUE100	Site Licenses	\$1,649.95



**NEW**

**Sports Camera with WiFi**

The Sports Camera with WiFi offers a modern, simple and fun way to capture images. It is ideal for teacher or pupil use due to the clear and easy to use buttons. The perfect resource to capture all the important progressions of your students throughout the day. In addition, use WiFi to connect your tablet or mobile, which can then act as a view finder and remote control. It comes with a waterproof housing, a selection of mounts and a wireless remote control.

TTS617N

\$208.95



**Luna 2.0 - Document Camera**

Contemporary new design and enhanced image quality meets reliable simplicity. Easy-to-use digital projection camera is also a web cam and photo/video camera. Great for students' multimedia projects across the curriculum or whole-class demonstrations of manipulatives in action, book pages, science models, and more. Connects via USB port to use with your computer or interactive whiteboard. Features 2.0 MP digital images, adjustable gooseneck, auto focus, 8 LED lights, and internal microphone. No batteries required. Compatible with PC and Mac. Measures 50cm high.

LER4427

\$299.95



**Zoomy 2.0 - Digital Microscope**

Zoom in on the world around you! This freshly updated, all-in-one handheld digital microscope now in vibrant blue gives early scientific study a whole new perspective, and is easy for young children to use. Zoomy 2.0 magnifies up to 54x and allows students to closely analyse the structure of objects in greater detail than ever before. Use with a computer, projector, or interactive whiteboard. Uploads and connects via USB. Features 640 x 480 pixels, VGA CMOS sensor, 4 LED lights, and 2 head adapters. Compatible with PC and Mac. Measures 7.5cm in diameter.

LER4429-B

\$99.95



**Digital Microscope – USB 5MP with Software**

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

EL3199

\$222.95



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





Headphones



PACK OF 4  
**\$380<sup>95</sup>**  
 SAVE \$42.85

**Untangled Pro Wireless Bluetooth Headphones**

High quality, Bluetooth wireless headphones, sized for children ages 4+ years and compatible with most Bluetooth devices. Max volume is 93dB, 10 hour battery life with 180 hours standby. Includes USB cable and 1.2m 3.5mm audio cable. 9m wireless range. For full specs please refer to our website.

LIGKIT1	Pack of 4	\$380.95
LIG001	Blue	\$105.95
LIG002	Pink	\$105.95
LIG003	Green	\$105.95
LIG004	Purple	\$105.95

Bluetooth wireless headphones for children aged 4+



**Connect+ Wired Headphones**

High quality wired headphones designed for children aged 2 to 8 years. Includes a detachable 1.2m 3.5mm audio cable, with max volume of 93dB. For full specs, please refer to our website.

LIGKIT2	Pack of 4	\$192.95
LIG005	Blue	\$52.95
LIG006	Pink	\$52.95
LIG007	Green	\$52.95
LIG008	Purple	\$52.95

Limited volume. Designed for children aged 2-8 yrs



Also see our range of Audio Books in the Children's Books section



**Listening Centre Kit**

Kit contains 8 headphones and an 8-user Jack Box packed in a hard plastic case. Jackbox and headphones are Mono, for use with CD player only. CD player not included.

CN1208

\$366.95



**CD Player**

No more messy splitters, just easy listening with this 6 port multi-listener CD player. Supplied with built-in connections for 6 separate headphones. The high-power speakers also make it ideal for class activities. Listen to CD, CD-R and CD-RW formats with ease along with a built-in AM/FM radio. Seeing what you are listening to is easier with the high-resolution large LCD display. It works off 8 'C' type batteries (not included). Can be used with the mains adaptor (supplied). TTS528NEW includes 6 headphones.

TTS527NEW	CD player only	\$212.95
TTS528NEW	CD player with 6 headphones	\$315.95

Headphones designed for ages 3 to 8 years



**Listening First Jackbox & 4 Red Headphones**

These headphones and jack box are a favourite for children and teachers alike. The size and weight of the headphones are perfect for 3 to 8 year olds and the bright primary colour helps engage younger learners. Hearing safety is ensured with slotted baffles that protect against perforation of the internal speakers. Ambient noise-reducing ear cups also help children remain focused. The jack box features individual volume control for all 4 users. Leads to connect the jackbox to the audio source are included. Perfect for story time and literacy groups in early childhood and primary schools. Jackbox contains small parts, not suitable for children under 3 years of age. **Connect to tablet, smartphone or CD player.** Ages 3+ years

Stay focused with noise-reducing ear cups

CN1114-4

\$146.95



Connect to tablet, computer, smartphone or CD player

JACKBOX & 4 HEADPHONES  
**\$163.95**  
SAVE \$17.80



**Multimedia Jackbox & Headphones**

Tablet and smartphone technologies are creating new ways for digital learning and the key to best distributing the sound to multiple listeners is the jackbox. This multimedia jackbox accommodates up to 10 headphones, has individual volume control and includes 3.5mm and 1/4" plugs to connect to a variety of audio sources including tablet, smartphone, computer and CD player. These multimedia stereo headphones are lightweight, fully adjustable and have in-line volume control. Ambient noise-reducing ear cups protect students' hearing. The CN310K kit includes, 1 multimedia stereo jackbox and 4 multimedia stereo headphones.

CN310K	Multimedia Jackbox & 4 Headphones	\$163.95
CN310	Jackbox – Each	\$64.95
CN3060	Headphones – Each	\$29.20



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





## Microphones & Recorders



### Easi-Speak Pro Microphone Recorder

Easi Speak Pro allows students to record voices, sounds or music on the move. Students can record their own voices or their interactions with other students and play back the recording at the touch of a button. The recordings can then be downloaded via the built-in usb to the computer. A great tool to encourage children to talk to others and for teachers to assess children's communication skills. The built-in battery is charged through the USB connector. Four hours recording time, no software needed.

TTS550

\$187.95



### Easi-Speak Microphone Recorder – Yellow

Record voices, sounds or music on the move with the Easi-Speak microphone. Children can record their own voices or their interactions with other children and play back the recording at the touch of a button. The recordings can then be downloaded via the built-in usb to the computer. A great tool to encourage children to talk to others and for teachers to assess children's communication skills. The built-in battery is charged through the USB connector. Four hours recording time, no software needed.

TTS525

\$152.95



“Children interact verbally... convey and construct messages with purpose and confidence.”

EYLF



### Talking Point Recorder

A simple recording device which allows children to record their voice and play it back at a touch of a button! Ideal for speaking and listening activities. Can be easily mounted with photos and pictures for an interactive display. Each device is 4.5cm. Replaceable LR44 batteries are included.

TTS551

Pack of 6 Coloured – 10 seconds

\$128.95

TTS090

Pack of 5 Black – 30 seconds

\$134.95

### Rainbow Talking Boxes

These fantastic Rainbow Talking Boxes let you record your own 10 second message into each box which plays when opened. All boxes have wipe-clean surfaces, are made from heavy gauge card and activated by light sensors. Magnetic catches keep the lid down, but will release at a gentle touch. Pack of 6 vibrant colours with concealed batteries.

TTS0147

\$102.95







**Waterproof Bluetooth Speaker**

Moki AquaBass is the waterproof\* Bluetooth® pocket speaker designed to go anywhere you go. Features include playback controls and internal mic for handsfree speakerphone operation. 40mm drivers deliver superb sound performance from a speaker that can fit in your pocket.

- Waterproof – IPX7\*
- Connects wirelessly via Bluetooth®
- Play audio from non Bluetooth® devices via 3.5mm (1/8") audio cable (included)
- In-built controls and internal mic for handsfree speakerphone operation.
- Compact 7cm diameter – 40mm driver
- Includes handy carabiner clip.

MOK014

\$81.95



**BassBarrel Bluetooth Wireless Speaker & Microphone**

A quality 3W main speaker and thumping four inch sub allow the BassBarrel to pump-out great sounding music. Perfect for classroom use when the sound needs to be heard in the entire classroom. The inner barrel rotates 90° and allows you to direct the music horizontally or vertically into the room. Handsfree voice calls can be made. Size: 21 cm (W).

MOK001

Each

\$142.95

**X-Terrain Wireless Speaker**

The Moki X-Terrain is the awesome waterproof, dustproof and shockproof Bluetooth® pocket speaker designed to go where ever you do. It has a soft silicone protective cover and handy Velcro® strap making it super tough and durable.

- Waterproof – IPX8\*
- Connects wirelessly via Bluetooth®
- Play audio from non Bluetooth® devices via 3.5mm audio cable
- In-built controls and internal mic for handsfree speakerphone operation.
- Compact size (7cm diameter – 40mm driver)
- Includes handy Velcro® strap
- Bright & funky beat reactive LED pulse display.

MOK013

\$81.95



Includes battery charger



**Battery Charger with 4 AA Eneloop Batteries**

Panasonic Ni-MH Battery Charger with 4 Eneloop Batteries. It charges both AA and AAA batteries and it includes 4 x AA eneloop batteries.

EL3563

Pack

\$57.95



**Rechargeable Batteries Eneloop - AA 4 Pack**

A set of 4 rechargeable AA batteries, to be recharged approximately 1800 times.

EL2931

\$43.95



**Headphone Splitter Cable**

Moki 3.5mm Headphone Splitter Cables allow you to connect two sets of headphones to one device. The 10 cm split cable gives extra length for use when a little extra distance is needed. Perfect to share your music or ebooks.

MOK010

10cm

\$10.90



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



## Tech Tub2

**NEW** exclusive**Tech Tub2 10 Device  
Charger - USB Sync/Charge**

The new Tech Tub2® offers an affordable, flexible and mobile solution for charging and storing devices used in PreK-8 classrooms. The Premium Tech Tub consists of two tubs permanently connected to make a single unit for 10 iPads®, Chromebooks or tablets. Store, sync, charge and carry your devices anywhere in the school with ease. The Tech Tub2 is not suitable for laptops.

CRN0100

\$769.95

**Key Features:**

- Two ergonomic handles on the door and back as well as a flip-up handle on the top
- Adjustable shelves accommodate devices with and without cases
- Easy-to-use side cable organiser and lower compartment to keep cords and adapters tidy
- 10 port USB hub that syncs and charges iPads®
- Cable hooks on the back to manage cord during transport
- Made from durable high impact ABS plastic
- Ventilation holes throughout to prevent heat build-up
- Mounting hardware to secure tub to a surface
- 3-point lock on each Tub with 2 sets of keys
- Measures: 66(H) x 32(W) x 41(D) cm

Only available at MTA

Charge up to 10 devices at the same time

**NEW** exclusive**Tech Tub2 & Trolley  
- Sync & Charge 10 Devices**

The new Tech Tub2® & Trolley is ideal for storing, charging and sharing small quantities of devices throughout a school or classroom and can hold iPads®, Chromebooks™, tablets or a combination. Please note: The Premium Tech Tub consists of two tubs permanently connected to make a single unit for 10 iPads®, Chromebooks or tablets. The Tech Tub2 is not suitable for laptops. The Tech Tub2 comes with a 10-port USB charger, and can charge up to 10 devices at the time.

CRN0101

\$879.95

**Key Features:**

- Convenient trolley included for easy transport of devices
- Adjustable shelves accommodate devices with and without cases
- Internal cable organizers
- Door lock with 2 sets of keys
- Cable management on back
- Adjustable handle
- Durable 3" casters
- 10 port USB hub that syncs and charges iPads®
- Measures: 66(H) x 32(W) x 41(D) cm

Only available at MTA

Includes trolley for easy transport



\$175.90  
**\$164.95**  
 SAVE \$10.95

Now with  
 higher lid

**Tech Tub Locking  
 Station for iPad® & Tablets**

The Tech Tub now comes with a higher lid, to fit even bigger laptops and tablets! This locking and recharging solution is designed for a wide range of iPads, notebooks and tablets. It comes with adjustable rails and dividers to suit the size of the devices you want to store. Maximum device size (including cable!) is 35.6 (H) x 23 (W) x 2.8 (T) cm. For a full list of compatible devices, please refer to our website. Please note: power board and padlocks are not included. We recommend the use of the Locking Block & Pin (CRN100, not included) to secure the Tech Tub to a flat surface.

CRN1000K      Each      \$164.95

**Specifications**

- Lock and charge up to 10 devices at the time
- Secure, highly mobile and lightweight
- Vented to ensure airflow and prevent overheating
- Made from highly durable, heat resistant ABS plastic
- Size: 24.1(W) x 31.1(D) x 29.2(H)cm

Store, charge  
 and lock up to  
 10 iPads® at the  
 same time

**Premium Tech Tub  
 – Complete Kit**

The Premium Tech Tub fits up to 10 devices and comes with adjustable rails and dividers to suit the size of your device. Maximum device size (including cable!) is 29.2(H) x 23(W) x 2.8(T) cm. For a full list of compatible devices, please refer to our website. Interior dimensions: 31.1(D) x 24.1(W) x 29.2(H)cm.

CRN700      \$384.95

**Included**

- Premium Tech Tub
- Adjustable dividers to lock and charge up to 10 devices at the time
- Australian power board
- 2 padlocks
- Power strip winders and ties for cable management
- Locking block and pin to securely attach the Premium Tech Tub to a flat surface.

Complete kit →

Includes internal  
 device divider  
 locking block &  
 pin, power strip  
 and two padlocks



**Tech Tub Locking Block and Pin**

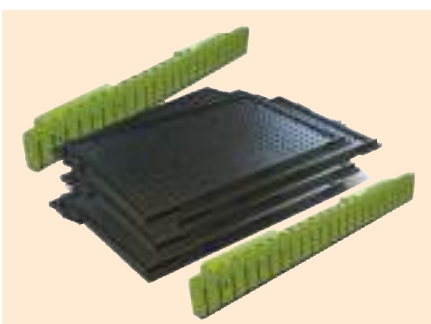
This locking device is for use in combination with the Tech Tub. The locking block and pin enables you to lock the Tech Tub to a table, floor or any other flat surface. Attached the block to the flat surface, slide the Tech Tub over the block and lock it with the pin.

CRN100      \$43.95

**Original Tech Tub  
 Base Model**

Use your Original Tech Tub® Base model for securely storing makerspace materials such as robots, littleBits™ and tools. Designed to secure valuable items, simply by adding your own padlock. Made with heat resistant ABS plastic, and vented to ensure airflow. Tech Tubs are secure, mobile and lightweight. Size: 41(H) x 32(W) x 41(D)cm.

CRN0057      \$131.95



**Adjustable Rail & Divider  
 for Base Tech Tub**

Add rails and adjustable dividers to the Original Base Tech Tub® (sold separately) and keep up to 10 iPads®, tablets, or Chromebooks™ organised. Dividers measure 17(H) x 23(W), rails measure 3(W) x 30(L) cm.

CRN1000      \$43.95



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





## Charging Cabinets

Store, charge & sync  
up to 10 tablets

### Lock, Charge & Sync Cabinet for Tablets

As more tablets are deployed into classrooms, providing a convenient and secure storage location is becoming a big need. With space for up to 10 tablets including iPads, Galaxy Tabs, Kindles and more, the cabinet is the perfect place to charge the tablets after everyone has gone home for the day so they're powered up and ready in the morning. Charging cables are not included and sold separately.

ACC7862

\$1,099.95

#### Key Features:

- Holds up to 10 tablets for secured storage, charging and syncing
- Stack up to 3 cabinets and sync up to 30 tablets with a separate USB hub. USB cable included.
- Adjustable shelves allows for tablets in their protective rugged cases
- Can hold iPads, Galaxy Tabs, Kindles, and other iOS and Android devices
- Secures to table with mounting plate or cable lock
- Tamper-resistant, retracting door opens wide for easy access
- Built-in cooling fan to avoid overheating charging tablets
- Individual lock keys included.



Compatible with all  
iPads®, Samsung  
Galaxy Tabs and  
Kindle Fire

Holds up to 12  
devices, of up to  
14 inches

### Kensington Laptop & Chromebook Charging Cabinet

With more tablets, Chromebooks and laptops being used in the classroom, the need for a solution that can store, charge and secure those devices overnight is greater than ever.

ACC4415

\$1,319.95

#### Key Features:

- Holds up to 12 devices and includes rugged dividers with convenient cable routing
- Tamper-resistant door with lock with swing door at the front for easy access
- Accommodates a wide variety of devices up to 14 inches, incl. Chromebook, Surface/Surface Pro, MacBook Air, iPad, Galaxy Tab, laptops and more
- With sliding drawers to easily place your device into the cabinet
- Pre-installed free-spinning wheels to roll the trolley in any direction and rotate 360 degrees
- Dual wheel locking foot pedals ensure the trolley doesn't move
- AC power strip accommodates each device's own power cord
- Size: Height: 71.5 (H) x 42 (W) x 59 (D)cm



Easy transport of 3D printer while securely store valuables

### 3D Printer Cart - Premium Model

This 3D Printer Cart allows printing equipment to be shared around the school easily and keeps everything that you need close at hand. Also ideal for libraries where diverse creative activities are undertaken and space is limited. Please note: 3D printer is not included. Size: 150 x 91 x 64cm with spool arm, 104 x 91 x 64cm without spool arm.

CRN5001

\$879.95

#### Key Features:

- Accommodates 3D Printers with a footprint of up to 60 x 67cm
- Base Tech Tub® for locking up specialised equipment and tools (supply your own padlock). Does not come with dividers
- 2 Open Tubs
- 1 Really Big Tub
- 4" castors, 2 locking
- Adjustable spool holder (holds maximum of 4 spools)
- Sliding laptop shelf fits laptops up to 17"
- Magnets for attaching accessories to frame



Ideal for Makerspaces

### 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

\$769.95

#### Key Features:

- Cardboard or material storage rack
- Tape/ribbon/string dispenser rack
- Coroplast overhead sign and display to personalise your station (letters not included)
- Hooks for hanging accessories/tools
- Large bottom shelf
- 6 Open Tubs, 4 Tiny Tubs
- 4" castors, 2 with brakes and pinch point covers

#### Specifications:

- Frame: 167(H) x 131(W) x 66(D)cm
- Bottom shelf: 99(W) x 36(D)cm with a 7(H)cm edge
- Open Tubs: 38(L) x 30(W) x 15(D)cm
- Tiny Tubs: 13(L) x 8(W) x 10(D)cm



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

## Gratnells Storage



## Gratnells Adjustable Storage Packages.

We have put together these specialist storage packages to help you cope with the enormous range of Maths, Science or Language materials and equipment that need storing. Clear trays allow you to easily view the contents. These packages come complete with a frame and runners with a choice of shallow or deep trays.



Best selling  
educational  
adjustable  
storage  
system in the  
world!

**Note:** Clear trays will be provided with all these packages unless specified otherwise.

**NEW****Gratnells T51S**

- 1 x Three Column Tall Frame (TFC70330)
- 51 x Runners (pairs) (TFC70332)
- 51 x Shallow Tray Clear (TFC70300)

TFC70340 Each \$1,088.95

**NEW****Gratnells T27D**

- 1 x Three Column Tall Frame (TFC70330)
- 27 x Runners (pairs) (TFC70332)
- 27 x Deep Tray Clear (TFC70301)

TFC70341 Each \$1,169.95

**NEW****Gratnells T27D**

- 1 x Three Column Medium Frame (TFC70331)
- 39 x Runners (pairs) (TFC70332)
- 39 x Shallow Tray Clear (TFC70300)

TFC70342 Each \$1,403.95

**NEW****Gratnells M21D**

- 1 x Three Column Medium Frame (TFC70331)
- 21 x Runners (pairs) (TFC70332)
- 21 x Deep Tray Clear (TFC70301)

TFC70343 Each \$1,123.95



# Gratnells

This range of Gratnells Storage Units is the perfect addition to any early years or school classroom. 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 for STEAM activities and Maker Spaces, these versatile storage pieces create flexible learning environments.



**NEW**

24 SHALLOW TRAYS  
**\$1,052<sup>95</sup>**  
 SAVE \$285.80

**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	\$1,052.95
GT3044-24C	24 Shallow Trays - Clear	\$1,052.95



**NEW**

12 DEEP TRAYS  
**\$935<sup>95</sup>**  
 SAVE \$212.50

**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	\$935.95
GT3044-12C	12 Deep Trays - Clear	\$935.95



**NEW**

6 JUMBO TRAYS  
**\$818<sup>95</sup>**  
 SAVE \$200.15

**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	\$818.95
GT3044-6C	6 Jumbo Trays - Clear	\$818.95



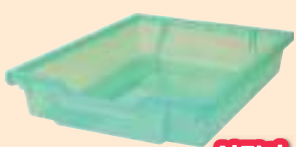
**NEW**

16 SHALLOW & 4 DEEP TRAYS  
**\$1,052<sup>95</sup>**  
 SAVE \$231.20

**Gratnells - Callero Storage Unit**

Includes Storage Unit, Runners and 16 x Shallow and 4 x Deep Trays. Kit is available with clear trays or coloured, transparent trays. Contents may vary.

GT3044-16K	16 Shallow & 4 Deep Trays - Green & Blue	\$1,052.95
GT3044-16C	16 Shallow & 4 Deep Trays - Clear	\$1,052.95




**NEW**

**Shallow Tray**

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

GT70357	Green	\$10.50
NK70300	Clear	\$10.50




**NEW**

**Deep Tray**

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

GT70366	Blue	\$16.30
NK70301	Clear	\$14.60



**NEW**

**Extra Deep Tray**

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

GT70374	Yellow	\$19.80
GT70309	Clear	\$19.80



**NEW**

**Jumbo Tray**

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

GT70385	Red	\$22.20
GT70302	Clear	\$22.20



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



## iPad® Covers

**NEW**
**STM Studio for iPad 9.7" (2017)/9.7" Pro/Air 1-2 - Black/Smoke**

This sleek fitted case for iPad sports a patented magnetic design for multiple viewing angles and world-class protection. The patented magnetic cover effortlessly folds into a stand for typing and viewing ease. The front cover also activates the "smart cover™" function - turning the iPad on and off instantly to save battery life. Supplied in black.

MG2161

\$65.95

**Key Features:**

- iPad snaps securely into protective hard shell bracket
- Secure unique magnetic wrap closure for instant on/off
- Hard shell transparent polycarbonate bracket
- Multiple viewing modes with foldable front cover
- Lightweight and slim construction
- Easy access to all buttons and ports
- Multi-fit design compatible with the iPad 9.7", iPad Pro 9.7", iPad Air 2, and iPad Air

**NEW**
**STM Dux for New Surface Pro & SP4 - Black**

The Dux for Surface Pro 4 Tough, reinforced TPU and polycarbonate construction protects from inadvertent drops. Slim and lightweight design yet super protective. New Infinity Hinge™ stand allows for almost limitless viewing and typing angles. Easy installation or removal of the device without the need for any tools. With built in pen storage.

MG2167

\$87.95

**Key Features:**

- Meets or exceeds U.S. Mil-Spec 810G drop test (26 drops from 4 feet)
- Unlimited hinge angles for typing, viewing or drawing
- Includes Surface Pen storage
- Transparent back panel to add name tag for schools
- Access to all ports and buttons, with ventilated design
- Textured bumper prevents sliding on slick surfaces

**NEW**
**STM Dux for iPad 9.7" (2017) - Black**

The Dux provides best-in-class protection for your iPad with a patented magnetic closure, reinforced corners, improved folding cover and transparent back panel to protect your iPad from inadvertent drops. STM's most rugged case is also perfect for schools, designed with input from educators and IT professionals

MG2160

\$87.95

**Key Features:**

- Tested to exceed U.S. Dept. of Defense Standard 810F/G protocols
- Durable and water resistant polyurethane cover
- Improved folding cover provides extra stability for the viewing position
- Patented magnetic closure allows for easy folding
- Instant on/off cover to save battery life
- Clear back to add a name tag

**NEW**
**UAG Metropolis Case for iPad 9.7" (2017) - Black**

This case is suitable for iPad 9.7" (2017) and provides top of the line protection. Perfect for classrooms, it not only protects the iPad but also functions as stand for viewing and presenting material.

MG0017

\$76.95

**Key Features:**

- 360 Degree Protection with adjustable stand
- Meets military drop-test standards (MIL STD 810G-516.6)
- Feather-light impact resistant rubber
- Tactile grip and easy access to buttons
- Water resistant FrogSkin Technology™ grip
- Un-compromised audio and access to touch-screen and ports

Suitable for iPad® Air & Air 2

**Kensington Blackbelt Case**

- Strong, cushioned rubber ring designed to protect against drops and scratches
- Unobstructed port openings for easy access to controls, cameras and connectors
- Raised bezel protects screen (no screen protector included)
- Clear protective back cover
- Size: 18.5(L) x 25.5(W) x 1.5(H)cm.



**ACC7064**  
Case for iPad® Air – Black  
**\$43.95**  
**ACC7365**  
Case for iPad® Air 2 –Black  
**\$32.95**

**NEW**

**Screen Guard iPad Air & Pro**

- Does not interfere with screen responsiveness
- Glue free - leaves no residue
- Quick and easy to apply
- Protects against scratches, fingerprints and dirt
- Ultra Clear finish preserves screen resolution and colours
- Pack contains: 2 x Ultra Clear Screen Guards / Cleaning Cloth / Smoothing Card
- NVS Screen Guards protect your Apple iPad Air, iPad Air 2, iPad 9.7 & Pro 9.7" against scratches, fingerprints and dirt, whilst the Ultra Clear finish preserves screen resolution and colours.



**MG2515 Clear – 2 Pack \$21.90**

Suitable for iPad® Air 2

**SafeGrip Rugged Case & Stand for iPad® Air**

- Tough, padded protection against drops and bumps
- Built to survive the shared-use school environment
- Protects screen against scratches and smudges
- Handle is sized for kids and prevents drops
- Handle doubles as a stand with type and view modes
- Built-in stylus holder and personalisation window
- Full access to all ports and cameras



**ACC7809 \$80.95**

**Kensington – Stylus & Pen – Black**

- Soft tip provides comfort and control and won't scratch your screen
- Other side of stylus features a ballpoint pen with cap
- Full length body for familiar grip and feel
- Chrome pocket clip



**ACC7044 \$30.95**

Suitable for iPad® Air 2

**SafeGrip Rugged Case & Stand for iPad® Air 2**

- Tough, padded protection against drops and bumps
- Built to survive the shared-use school environment
- Protects screen against scratches and smudges
- Handle is sized for kids, prevents drops, and doubles as a two-way stand
- Built-in stylus holder and personalisation window
- Full access to all ports and cameras

**ACC7363 \$80.95**



**Noris Stylus & Pencil – HB**

- 2-in-1 learner's pencil with stylus function
- Stylus end for use on tablets with capacitive touchscreens
- Ergonomic jumbo triangular shape for relaxed and easy writing and drawing
- Part of the STAEDTLER learning system with free, child-friendly learning apps



**STA9203 Each \$8.30**  
**STA9203K Set of 10 \$68.95**



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





**Chargers & Cables**

**NEW**

**120W 10 Port USB charger**

This 120W 10 Port USB Charger is perfect for all your charging needs, from phones to tablets, iPads and robots. The unit can charge 10 iPads simultaneously. This unit will help you organise charging devices fast, while taking up little space. The unit comes with plug to connect to the wall, and an on/off button.

LVS120 **\$87.95**

**Specifications:**

- AC Charger: USB AC Charger
- Input: 100-240C, 1.68A, 50/60Hz
- Output: DC 5V, 2.4A x 10
- Size: 10.9 x 15.6 x 3.3cm
- Weight: 507g



**NEW**

**5-Port USB Charging Dock Station**

Simultaneously charge up to 5 iPads! The docking station features 5 USB charging ports one side and 2 plug connections on the reverse. The device holder slots are scratch-proof to protect your device. Each port has a surge protection, a built-in smart charging chipset determines the charge needed for your device, delivering a steady and safe charge.

LVS052 **\$87.95**

**Specifications:**

- USB AC Charger with 5 ports (5x 2.4A)
- Input: AC 100-240V, 1.5A (Total 8A), 50/60Hz
- Output: DC 5V 2.4A\*5 (total 60W)
- Output power socket x 2 (total 800W)
- Size: 15.8 x 12.9 x 9vm"



Turn your device into a document camera



**Document Camera & iPad® Stand**

Turns your iPad® 2, 3, 4, iPad® Air, Air 2, iPad® Mini, Mini 2 and 3, and various smart phones into a document camera by utilising the device's camera. This high quality stand provides the opportunity to share work and ideas. It is height adjustable, with a 90 degree rotating mount that swivels and tilts, keeping the device secure. Includes headphone holder and mounting holes on the base. Size: 32 – 58cm (lowest to highest position), 27(W), 38cm(L).

CRN001A **\$175.95**



**Micro USB Sync Cable**

Moki MicroUSB SynCharge Chargers are perfect for home and school use. The standard USB can plug direct into your PC for charge and sync or to power adaptors for recharging only.

- MicroUSB to USB SynCharge cable
- Available in standard size (90 cm) and king size (3m)

MOK090	90cm	<b>\$10.90</b>
MOK003	King size - 3m	<b>\$27.40</b>



**Lightning™ SynCharge Cable**

Apple Lightning™ Cables are suitable for charging all Lightning™ iDevices. The standard USB can plug direct into your PC for charge and sync or to power adaptors for recharging only.

- Lightning™ to USB SynCharge
- Available in standard size (90 cm) or king size (3m)

MOK900	90cm	<b>\$27.40</b>
MOK030	King size - 3m	<b>\$38.95</b>



**SynCharge Braided Cable – 90cm**

These sync and charge cables have a braided cable with aluminium tips. The standard USB can plug direct into your PC for charge and sync or to power adaptors for recharging only. The cables measure 90cm long. Available in MicroUSB (MOK090B, black cable with grey tips) or for Lightning™ devices (MOK090R, rose gold).

MOK090B	MicroUSB	<b>\$16.40</b>
MOK090R	Lightning™ - Rose gold	<b>\$32.95</b>



## Thinkfun Coding Games

This Programming Game Series is designed to take players on a grand tour of the big ideas in computer science. If you play all the games in our series, you will develop a love for concepts such as Procedures, if/then statements, while loops, for loops, state machines, logic gates, and Boolean satisfiability, while learning how to mentally evaluate logical expressions and control structures the way computers do. Most importantly, these games will start you on a fun and thrilling journey into the realm of computational thinking. Enjoy the ride!

**NEW**

### Rover Control - Thinkfun Coding Game

Each of the 40 Rover Control challenges contains a map. The trouble is, the pathways on the map are colourless and the Rover is programmed to only travel on coloured pathways. You'll need to figure out how to colour the pathways so the Rover can complete its mission.

TN1902 \$32.95



**NEW**

### On the Brink - Thinkfun Coding Game

On the Brink is the first in a series of games designed to build the mental skills needed to fully grasp the concept of coding. The game is screen-free for a unique, unplugged play experience. Each of the 40 On the Brink challenges contains a map of coloured squares. Each colour has pre-programmed moves for your Robot to perform.

TN1901 \$32.95



The board game that teaches coding



### Code Master Programming Logic Game

The ultimate coding adventure! In Code Master, your avatar will travel to an exotic world in search of power crystals. For all 60 levels, you'll have to use programming logic to help your avatar collect the crystals and land at the portal. Think carefully, in each level, only one specific sequence of actions will lead to success. Ages: 8 to adult. Players: Single Player.

TN1950 \$43.95

### Robot Repair - Thinkfun Coding Game

In each of the 40 Robot Repair challenges you're given a robot to fix. Within the Robots are wires that need to be activated by Power Cells. Using logical deduction and the clues given, insert the Power Cells correctly and repair the robots.

TN1903 \$32.95



**NEW**

The most backed board game in Kickstarter history!



### Robot Turtles – The Game for Little Programmers

Robot Turtles is the first board game for little programmers! The most backed board game in Kickstarter history sneakily teaches pre-schoolers the fundamentals of programming, from coding to functions, while making silly turtle noises! Before you know it, your little one will be writing computer games rather than just playing them! Includes: Game Board, 4 Robot Turtle Tiles, 4 Jewel Tiles, 36 Obstacle Tiles, 4 Bug Tiles, 4 Code Card Decks (44 Cards Each).

TN1900 \$43.95



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



Coding Games



**Mice & Dice - Coding Board Game**

An exciting and challenging board game that promotes spatial orientation, learning of directions, as well as planning and strategic thinking. The players move their mice toward the yellow cheese slices that scattered on board by following the numbers shown on the dice and the directions shown on cards. The winner is the first to collect 10 slices of cheese or the one who collects the most slices. Content: Folding play-board (50 x 50 cm) made of a sturdy cardboard, 4 colour mice, a dice with dots, 8 direction cards and 50 slices of yellow cheese.

DL5440

\$87.95



**Coding Buddies Activity Set**

Coding with your buddies is a step in the right direction! Enjoy non-digital coding activities that promote cooperative learning through interactive team play. Hopping, stepping and turning encourage gross motor skills and directional sense. Set includes 20 EVA foam mats, 20 coding cards, and the following die-cut pieces: 2 robots, 2 gears, 2 springs, 2 arrows and 2Xs. Guide includes coding overview and sample mazes. The mats measure 24 x 24cm.

LER2835

\$64.95



**NEW**

**Coding Pixels Fun Game**

This game is based on the principle of binary code. The binary code assigns a pattern of binary digits to each character. In this game children discover pixel art drawing. Each number in the squares of the task cards stands for a number of pixels which must be lead on the playing board. Doing so, a funny pixel image will appear!

RO2994

\$142.95

**Included in the set:**

- Cardboard box 385 x 385 x 45 mm
- 2 boards for pixel art of 49 pixels
- 2 boards for pixel art of 36 pixels
- 120 + 8 pixels
- 2 x 4 task cards
- 2 solution cards
- Manual in NL, DE, EN, FR



**NEW**

**Coding Arrows Game**

Teach the children to code with this game. Nowadays kids can start coding before they can read! But sitting in front of a computer for hours is not the best way for them to learn. That's why these unplugged materials, are ideal for early learners. The principles for programming become clear and real. One of the basics for programming is robot language. And to program a robot, children have to understand the language of arrows. The children learn how to use directions to navigate.

RO2451

\$142.95

**Included in the set:**

- Birch wood box 379 x 230 x 46 mm
- 3 boards for pixel art of 49 pixels
- 3 boards for pixel art of 36 pixels
- 180 + 12 pixels
- 2 x 6 task cards
- 2 solution cards
- Manual in NL, DE, EN, FR



# Deliver the Digital Technologies Curriculum from the Early Years to Year 12

	Onboard	Graphical Programming	Text-Based	PS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8	Year 9	Year 10	Year 11	Year 12
3D Printers																
Airblock																
Bee-Bot																
Bloxels																
Blue-Bot																
Botley																
Circuit Scribe																
CoDrone																
Cozmo																
Cubelets																
Cubetto																
Cue Robot																
Dash & Dot																
Edison																
Hue Animation																
LEGO® EV3																
LEGO WeDo 2.0																
littleBits																
Makey Makey																
mBot																
mBot Ranger																
Neuron																
Osmo																
Pai Technology																
Parrot Drone																
Pro-Bot																
Quirkbot																
Robot Mouse																
Sam Labs																
Sphero																
Ultimate Bot 2.0																
Wearable Technology																
XYZ Robotics Arm																

## Index

3D Printers	62-63	Docking Station	78	Pai Technology	52-53
Airblock	57	Document Camera	78	Parrot Drone	60
Batteries	69	Edison	38-39	Pro-Bot	30-31
Bee-Bot	18-19, 22-23	Gratnells Storage	74-75	Quirkbot	56
Bloxels	61	Headphones	66-67	Recorders	68
Blue-Bot	20-23	Hue Animation	64	Robot Mouse	25
Botley	28	iPad Covers	76-77	Sam Labs	44-45
Charging Cables	78	LEGO EV3	5-10	Speakers	69
Charging Stations	70-72	LEGO WeDo 2.0	1-4	Sphero	32-33
Circuit Scribe	50	Listening Stations	67	Storage	73-75
Coding Games	79-80	littleBits	46-47	Styluses	77
CoDrone	58-59	Makey Makey	48-49	Tech Tubs	70-71
Cozmo	29	mBot	34	Ultimate Bot 2.0	36
Cubelets	40-41	mBot Ranger	35	USB Chargers	78
Cubetto	26-27	Microphones	68	Wearable Technology	51
Cue Robot	16-17	Microscopes	65	XYZ Robotics Arm	42
Dash & Dot	12-15	Neuron	43		
Digital Cameras	65	Osmo	54-55		

### Need help?

Creating the right robotics environment and digital technologies destination within your school can be difficult. We understand that it can be overwhelming to choose the right platform for your needs, skill level, goals and budget. Modern Teaching Aids has qualified trainers and sales representatives on hand to assist you with any inquiry you might have. Call 0800 808 044 for your local rep to visit your school.

### Professional Development

School Professional Development is important for the growth of your staff and students. Modern Teaching Aids offers Professional Development programs to ensure teachers get the most out of their resources. Through hands-on workshops, participants will learn how to apply their resources in the classroom to meet curriculum objectives.



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





modern teaching aids

# Robotics & Digital Technologies 2018

## Supporting Your Digital Technologies Implementation Journey

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



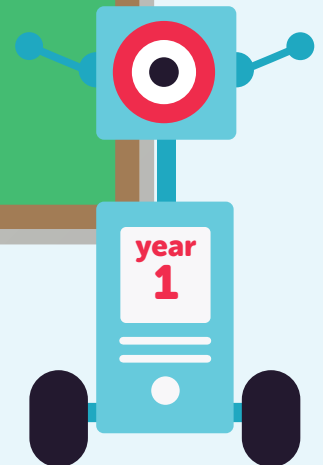
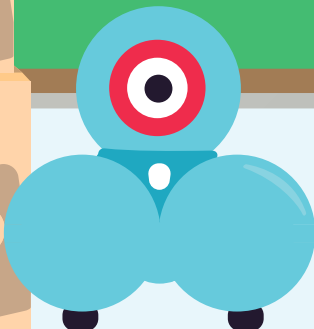
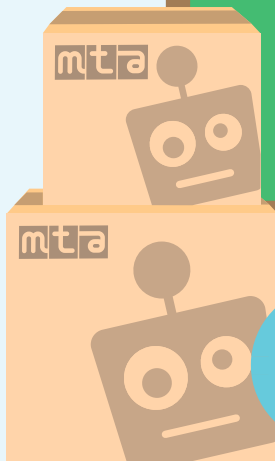
Which robotics resources are best for my classroom?

Select the years you teach

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

Simply visit

<https://www.teaching.co.nz/page/mta-au-robotics-selector>



Our robotics resources are supported with



Recommended age group



Training & workshops



Curriculum Links



Competitions

We provide teaching support including:

- Getting started guides
- Lesson plans
- Video
- Printables

Like to receive training in Robotics?

Check our current workshop schedule or request to host one at your school or centre



**FREE freight on all orders over \$99.**

Conditions apply, see website for details.

P 0800 808 044 F 0800 682 329

Prices exclude GST

**teaching.co.nz**

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