

Dash & Dot

Complexity: Beginners to intermediate

Extendibility: Add Dash & Dot's accessories for extended

learning and fun

Programming Language/Software: Path, Go, Blockly,

Wonder and Xylo - all free to download

Compatibility: iOS 8.1+, Android 4.4.2+, Kindle 5.1.2+ - See

full list on our website Age Group: 5-11 years

Curriculum Links: ACTDEK034 - ACTDEP007/9 - ACTDIK001/7 - ACTDIP004/10/11/19/30/41









Dash & Dot are exciting, hands-on learning tools for students from K to Year 5. Targeted at teaching creative problem solving and computational thinking, students learn fundamental processes relevant for 21st century skills. Dash has motors, sensors, can make sounds and light up, all controlled via apps on your tablet.





Dash & Dot Educational Robots

 DW001
 Dash
 \$274.95

 DW001-5
 5 x Dash
 \$1,199.95

 DW001-10
 10 x Dash
 \$2,399.95

 DW002
 Dash & Dot
 \$329.95

Dash is a real robot, charged and ready to play out of the box. Responding to voice, navigating objects, dancing, and singing, Dash is the robot you always dreamed of having. Dash comes with sensors, speakers, motors and lights, allowing you to dive into the wonders of programming. Use Wonder, Blockly, and other apps to create new behaviors for Dash — doing more with robotics than ever possible.

Dot is a puppet master who instigates the adventures that Dash goes on. When you toss, shake or pick up Dot, Dot sends a signal to Dash telling it what to do. Dot can also tell stories using lights, sounds and eye expressions.

Dash & Dot Free Wonder Packs*



When you purchase educator's packs for the class



*valid until the 29th of September 2017 or until stocks last

Educator Packs

Coding is the career of the future. Naturally, it's best learned from robots. Today, coding is a revered job skill. But tomorrow, the ability to code will be expected of nearly everyone. And like any language, coding is best learned while young. These educator packs allow you to introduce coding and programming to the classroom. And during the promotional period*, you will receive free Wonder Packs with your order! There is no better time to get started than now!

Dash & Dot Educator Starter Pack DW008K \$1.549.95

- Includes:
- 1x Accessory Pack
- 4x Dash - 4x Dot
- 1x Building Bricks
- 1x Xylophone

SAVE \$664.20

Term 3

BONUS

1x **Wonder Pack**

- 1x Dash
- 1x Dot
- 1x Building Bricks
- 1x Accessory Pack
- 1x Xylophone
- 1x Launcher

Dash & Dot Educator Classroom Pack DW009K \$4,249,95

Includes:

- 5x Accessory Pack
- 10x Dash
- 5x Building Bricks
- 10x Dot - 5x Xvlophone

SAVE \$1,932.40

Dash & Dot Educator School Pack DW010K \$7,999.95

- Includes:
- 10x Accessory Pack
- 20x Dash - 20x Dot
- 10x Building Bricks
- 5x Xvlophone

SAVE \$3,520.30

Wonder Packs

- 3x Dash
- 3x Dot
- 3x Building Bricks
- 3x Accessory Pack
- 3x Xylophone
- 3x Launcher

Term 3 **BONUS**





Wonder Packs

- 5x Dash
- 5x Dot
- 5x Building Bricks
- 5x Accessory Pack
- 5x Xylophone
- 5x Launcher



Term 3

BONUS

Accessories for Dash

Give Dash new abilities with our ever-growing family of snap-on accessories. Turn Dash into a projectile firing a machine with the Launcher, snap on LEGO™ blocks to transform Dash into anything with the Building Bricks, compose, loop and play tunes with the Xylophone or get some serious work done with the



Dash Ball Launcher DW007



Xylophone for Dash DW004



Building Bricks for Dash DW005 Each \$29.95



Accessory Pack for Dash DW003 Each \$59.95

\$49.95

\$54.95

Bee-Bot

Complexity: Beginners

Extendibility: Use in combination with the Bee-Bot mats for

cross-curricular activities Age Group: Ages 3+ years

Curriculum Links: ACTDEP006/7/9/15/16/18 - ACTDIK001/2

- ACTDIP004/10





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!



SAVE \$119.30



Original Bee-Bot

TTSB001	Each	\$69.95
TTSB001-6	Set of 6	\$399.95
TTSB001-12	Set of 12	\$749.95
TTSB001-15*	Set of 15	\$929.95

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





Bee-bot is crosscurricular - learning areas (cross-curricular resources available)

- Digital Technology
- Science
- Maths
- English
- Geography
- History

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



Battery Charger with 4 AA Eneloop Batteries

EL3563

Pack

\$51.95

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



Rechargeable Batteries Eneloop - AA 4 Pack \$39.95

A set of 4 rechargable AA batteries, to be recharged approximately 1800

Kodak Heavy Duty Batteries AA UB0118 Pack of 4 \$1.95

UB0119 Pack of 20 \$6.10 These Extra Heavy Duty

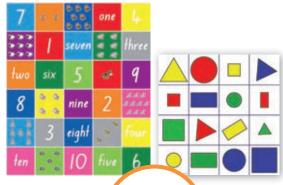
zinc-chloride batteries will power your everyday appliances needing to be replaced less often. AA style battery delivering 1.5V and recommended for long term, small power uses. Available in packs of 4 and 20.







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Bee-Bot Class Pack 1 - Numeracy & Literacy

TTSBKIT7 \$629.95

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

SAVE \$73.55











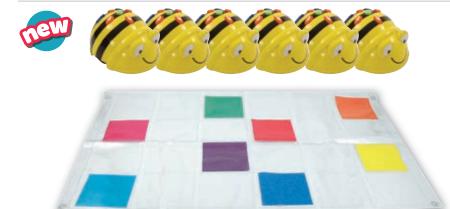


Bee-Bot Class Pack 2 - Pretend Play

TTSBKIT6 \$679.95

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









Bee-Bot Class Pack 3 - Language

This kit will teach students about language, actions and opposites. Included in the kit are 6 Bee-Bots (TTSB001), the Transparent Pocket Mat (TTSB090), a set of 46 Opposites Photo Cards (CD5007) and a set of 46 Actions Photo Cards (CD5005).



Blue-Bot

Complexity: Beginners to lower-intermediate

Extendibility: Use in combination with the Blue-Bot mats for

cross-curricular activities

Software: Download the Blue-Bot app

Compatibility: iOS and Android devices with 3.0/4.0

Bluetooth, Windows 7+ and Mac

Age Group: Ages 3+ years

Curriculum Links: ACTDEP006/7/9/15/16/18 - ACTDIK001/2/14 - ACTDIP004/10/19





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.



Set of 15 **SAVE \$349.30**

Blue-Bot Bluetooth Floor Robot

TTSB485 Blue-Bot \$189.95 TTSB485-4 4 x Blue-Bot \$729.95 TTSB485-6 6 x Blue-Bot \$999.95 TTSB485-10 \$1,659.95 10 x Blue-Bot TTSB485-15 15 x Blue-Bot \$2,499.95

Blue-Bot is available individually, or in larger sets. Blue-Bot comes with a USB charging cable.



Key Features

- Blue-Bot has a clear shell, which makes it possible to see the components inside Blue-Bot. Children can see its buzz!
- Tablet or PC controlled floor robot
- 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
- · Cross-curricular learning tool (curriculum resources are available)
- Memory of up to 200 steps



Blue-Bot TTSB1118 TTSB0546

Tactile Reader Tile Expansion Pack \$179.95

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

SAVE \$19.95

Blue-Bot Kit TTSB1118K

45 degrees. Blue-Bot is not included and required.

Kit \$239.95

The kit includes one tactile reader and one expansion pack.



Blue-Bot – Robot & Docking Station Kit

TTSB485K \$1,079.95 6 x robot + docking station TTSB0358 Docking station only

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









Blue-Bot Class Pack 1 - Numeracy & Literacy

TTSB485-KIT1 \$929.95

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

\$1,043.60 \$**929**95 SAVE \$113.65











\$1,075.55 \$**929**95 SAVE \$145.60

Blue-Bot Class Pack 2 - Pretend & Play

TTSB485-KIT2 \$929.95

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).



This kit includes 6 Blue-Bots (TTSB485), 3 sets of Blue-Bot Tactile Readers (TTSB1118), 2 sets of Additional Standard Tile Sets for the Tactile Reader (TTSB1172) and 3 sets of Tile Expansion Packs for the Tactile Reader (TTSB0546).



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.

Bee-Bot Alphabet Mat literacy and ICT skills through the alphabet while playing a range of literacy games. Size:



Bee-Bot Shape, Colour and Size Mat TTSB006 \$82.95 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.

TTSB002

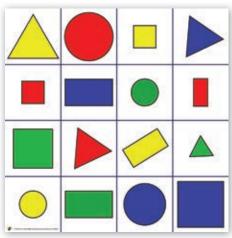
\$59.95

This Bee-Bot Alphabet Mat

is an excellent way to learn

play. Children can explore

 $75(L) \times 90(H) cm$.





MTA Junior Robotics Early Number Mat TTSB018 \$54.95

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



Use Bee-Bot for maths classes

Number Track TTSB004 \$70.95

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.



8

MTA Junior Robotics

This Australian Money Mat

shows the front and back of

coins and notes. The mat measures 60(L)

\$59.95

TTSB016

x 75(H)cm.



Bee-Bot Mat – World Map TTSB446 \$199.95

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!



Doubles up as a giant wall display



MTA Junior Robotics Australia Map TTSB017 \$79.95

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





Bee-Bot Farmyard Mat TTSB032 \$82.95

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.



Bee-Bot Treasure Island Mat TTSB008 \$62.95

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



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 $120(L) \times 45(H)$ cm.





TTSB090 \$54.95

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.



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, 8 shape 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.

\$99.90

Transparent Pocket Mat & Robotics Card Set ROB003K

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 ópen-ended cards & mat



Bee-Bot Transparent Grid TTSB015 \$42.95

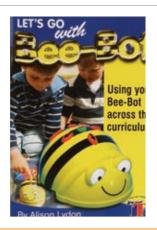
Turn any map, chart or picture into a Bee-Bot activity with this clear plastic cover with grid lines. Size: 60cm square.





Let's Go with Bee-Bot Book TTSB012 \$62.95

This fantastic resource will help you understand the basics of the Bee-Bot robot and use it for a variety of crosscurriculum topics, accompanied with a whole host of tips. Enjoy over 20 activities with lots of tips on imaginative ways to use the Bee-Bot.





Flexible storage

Bee-Bot Carry Bag TTSB258 \$92.95

Securely transport up to six Bee-Bots and three mats in this handy carry bag. As the compartments are expandable, the carry case is also suitable for other technology resources. Illustrated Bee-Bots not included. Ages 3+ years

Robot Mouse

Complexity: Beginners

Extendibility: Use the coding cards and maze board pieces

to create new settings over and over again.

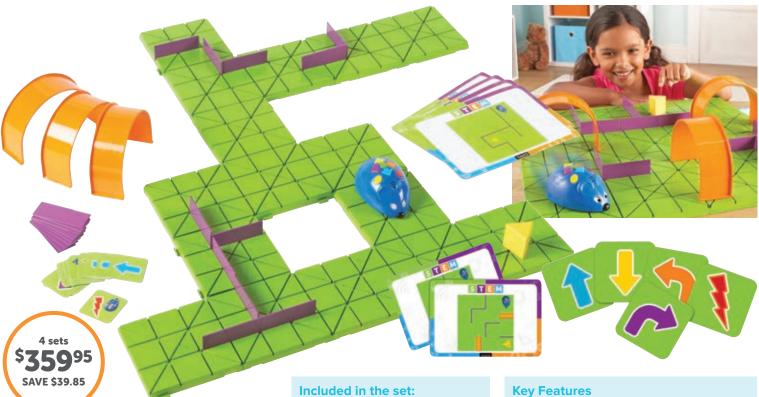
Age Group: 5+ years

Curriculum Links: ACTDEP006/7/9/15/16/18 - ACTDIK001/2

- ACTDIP004/10



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.



Robot Mouse STEM Activity Set

LER2831 LER2831-4 Each set 4 sets

\$99.95 \$359.95

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.

- 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

- 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

LER2841 Each \$49.95 LER2841-6 Set of 6 \$269.95 LER2841-12 Set of 12

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.



Add Jack for more programming fun

> Set of 12 **SAVE \$49.45**





Cubetto

Complexity: Beginners

Extendibility: Add the adventure pack for more activities

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

Age Group: Ages 3 to 6 years

Curriculum Links: ACTDEK004/34 - CTDEP006/7/9/15/16/18

- ACTDIK001/2 - ACTDIP004/10



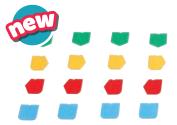


Cubetto is a playful wooden robot that helps young children (3+) discover programming through storytelling, adventure and collaboration. It's the first coding toy of its kind to work without a screen or digital interface, and lets children learn to code before they can read or write.



















Cubetto - The Coding Robot

CUB001 CUB001-5 CUB001-10 Coding Robots - Set of 5 Coding Robots - Set of 10 \$349.95 \$1,599.95 \$3,099.95 SAVE \$399.55

The Cubetto Playset makes coding accessible to children in preliterate years, introducing core programming concepts like debugging, the queue, and recursions, and encouraging computational thinking: the process of breaking down tasks into a logical sequence of steps to reach an objective. By taking coding away from the screen, and using a hands-on, block-based programming language, Cubetto develops these skills and logic in a way specifically tailored for early learning.

Cubetto is made up of 3 separate elements: a friendly wooden robot, a tangible interface board, and a 16 piece instructions blocks set that make up a programming language you can touch. The playset comes with a charmingly illustrated 1x1m world map and story book that make every play session with Cubetto a unique and memorable adventure. Children use the instruction blocks (forward, left, right and function) on the interface board to create a sequence. Cubetto and the Interface board communicate wirelessly, and Cubetto is powered by 6 AA batteries.



Cubetto - Extra Blocks CUB002 Set of 16

\$39.95

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.







Cubetto Adventure Pack - 4 Maps & Story Books \$59.95

Each Pack

Add more creativity and value to Cubetto with this adventure pack. Included are 4 additional maps (1x1m each) and 4 story books, accompanying the maps.







one Adventure Pack (CUB003). The kit (CUB003K) includes 5 Cubetto Robots

(CUB001), and 1 Adventure Pack (CUB003).

Pro-Bot

Complexity: Intermediate

Extendibility: Build onto Pro-Bot with

K'NEX pieces

Programming Language/Software: On-board programming

(105 Pro-Bot

or Pro-Bot software (sold separately)

Age Group: 8+ years

Curriculum Links: ACTDEK023/34

- ACTDEP006/7/9/15/16/18/25/26 - ACTDIK001/2/14

- ACTDIP010/11/17/19/20/27/29/30

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.





\$2,799.95 TTSP0535-15 Set of 15 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

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
- Can operate independently or alongside your PC with our software (sold separately)
- Can be used simply by programming arrows or accepts more complex commands
- Routes taken can be drawn using our simple pen mechanism and a standard felt tip pen
- · 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

TTSP0535-4

\$799.95

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

Set of 4



Amusement Park Mat TTSP007 Each

\$99.95

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.



Black Markers TTSP005

Set of 12

\$21.50

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



Pro-Bot Group Pack TTSP0535K1 **Group Pack**

\$899.95 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).

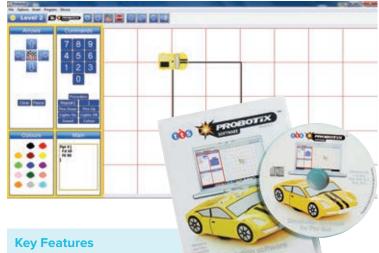




Pro-Bot & K'NEX® Pack TTSP0535K2 \$899.95

SAVE \$69.80

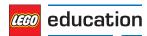
This kit consists of 4x Pro-Bot (TTSP0535) and one set of K'NEX Introductory Building Set. This allows you to personalise your Pro-Bot with the K'NEX pieces. Combine digital technologies with engineering and design! Enhance the car design to let Pro-Bot carry objects around, convert into a tank or create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



- Pen up/down feature which can also be demonstrated on the floor robot.
- Ability to modify and improve routes on screen when programmed.
- Capability to upload and download your sequences to our floor robot.
- Change the background image, or import your own.
- A USB cable is included with Probotix.

Probotix - Pro-Bot Software TTSP477 Single License \$104.95 TTSP478 Site License

Allow children to take complete control of their programming with this on-screen Logo programming software. Easy to use programming with directional buttons or logo language. Probotix is compatible with Windows 7.



Build students' confidence to ask questions and solve problems

LEGO® Education **WeDo 2.0 Curriculum Solution**

LEG45300 **\$269.95**



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

Solution includes

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







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.*

Five eLearning activation *

eLearning program

modules to give full teaching support from implementation to

Technical support

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

Community

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

What can I add on?

Complementary products



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

Training and professional development

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





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

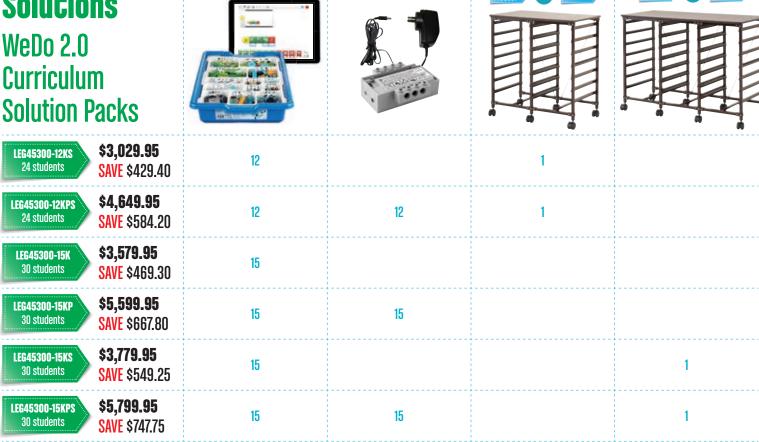
^{*}Available for free download from LEGOeducation.com/downloads

Classroom Solutions	WeDo 2.0 Curriculum Solution LEG45300	WeDo 2.0 Add-On Power Pack LE654838	MTA Storage System Single SUN8316 Pard Party Product NEW	MTA Storage System Double SUN8326 3rd Party Product NEW
WeDo 2.0 Curriculum Solution Packs				
LEG45300-2K \$499.95 4 students SAVE \$39.95	2			
LEG45300-2KP \$799.95 4 students SAVE \$35.75	2	2		
\$749.95 6 students \$AVE \$59.90	3			
\$1,169.95 6 students \$AVE \$83.60	3	3		
\$1,229.95 10 students \$AVE \$119.80	5			
\$1,939.95 10 students \$AVE \$149.30	5	5		
\$1,329.95 10 students \$AVE \$169.75	5		1	
\$2,039.95 10 students \$AVE \$199.25	5	5	1	
\$1,929.95 16 students \$AVE \$229.65	8			
\$2,999.95 16 students \$AVE \$342.85	8	8		
\$2,079.95 16 students \$299.60	8			1
\$3,149.95 16 students \$AVE \$412.80	8	8		1
\$2,879.95 24 students \$AVE \$359.45	12			
\$4,499.95 24 students \$AVE \$514.25	12	12		

WeDo 2.0 Curriculum Solution

LEG45300

Classroom **Solutions WeDo 2.0 Curriculum**



WeDo 2.0 Add-On Power Pack

LEG54838

MTA Storage System Double

SUN8326

NEW

MTA Storage System Triple

SUN8336

NEW



MTA Storage Systems & Trays

SUN8316 \$149.95

SUN8326 \$219.95

SUN8336 \$279.95

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

SUN8316 - Single Storage. Holds 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



Prepare your students for tomorrow's jobs



LEGO® MINDSTORMS® Education EV3 Curriculum Solution

LEG45544-1 \$629.95







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
- EV3 Software and App*
- EV3 Design Engineering Projects Curriculum*
- EV3 Coding Activities*
- EV3 eLearning*

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.



Classroom Solutions	LEGO Education EV3 Curriculum Solution LEG45544-1	Battery Charger LEG8887	Multi-Charger WLMC01	Robotics Training Mat ROB014 3rd Party Product	Robotics Challenge Mat R0B15 3rd Party Product	MTA Storage System Double SUN8327	MTA Storage System Triple SUN8337
EV3 Curriculum Solution Packs			and the second second	80	8		
LEG45544-1K \$649.95 2-3 students SAVE \$37.95	1	1					
\$2,599.95 8 students SAVE \$253.60	4	4		1	 		
\$2,809.95 8 students \$AVE \$283.45	4	4	 	1		1	
\$3,249.95 10 students \$AVE \$291.50	5	5		1			
LEG45544-58 10 students \$3,399.95 SAVE \$381.35	5	5	*	1	*	1	
\$3,889.95 12 students \$AVE \$339.40	6	6		1	 		
LEG45544-6S 12 students \$4,039.95 SAVE \$429.25	6	6		1		1	
\$4,999.95 16 students SAVE \$461.55	8		1	1			
LEG45544-88 16 students \$5,199.95 SAVE \$571.35	8		1	1			1
\$ 6,239.95 20 students \$SAVE \$481.45	10		1		1		
\$ 6,539.95 20 students \$ 8,539.95 SAVE \$661.15	10		1		1	2	
LEG45544-12 24 students \$7,399.95 SAVE \$901.30	12		2		1		
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\$ 9,599.95 30 students \$SAVE \$1,210.75	15		2		1		2



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Classro Solution EV3 Curriculur Solution P	ns n	LEGO® Education EV3 Curriculum Solution LEG45544-1	Battery Multi-Charger WLMC01 Srd Party Product	Robotics Training Mat ROB014	Robotics Challenge Mat ROB15 Grd Party Product	EV3 Expansion Set LEG45560	MTA Storage System Triple SUN8337 3rd Party Product
LEG45544-8C 16 students	\$ 5,559.95 SAVE \$581.35	8	1		1	4	
LEG45544-8CS 16 students	\$5,959.95 SAVE \$800.95	8	1		1	4	2
LEG45544-10C 20 students	\$6,989.95 SAVE \$581.20	10	1		1	5	
LEG45544-10CS 20 students	\$7,389.95 SAVE \$800.80	10	1		1	5	2
LEG45544-12C 24 students	\$8,299.95 SAVE \$1,122.95	12	2	1	1	6	
LEG45544-12CS 24 students	\$8,699.95 SAVE \$1,342.55	12	2	1	1	6	2
LEG45544-15C 30 students	\$9,999.95 SAVE \$1,652.70	15	2	1	1	8	
LEG45544-15CS 30 students	\$10,399.95	15	2	1	1	8	3

30 students

SAVE \$2,182.10

mBot

Makebl*ck Complexity: Intermediate to lower-advanced

Extendibility: Fully compatible with Makeblock platform and LEGO compatible

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: 8+ years

Curriculum Links: ACTDEK013/20/23/31/34/46

- ACTDEP014/15/16/18/25/26/28/36/37/39 - ACTDIK007/14

- ACTDIP010/11/17/19/20/27/29/30/40/41

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.



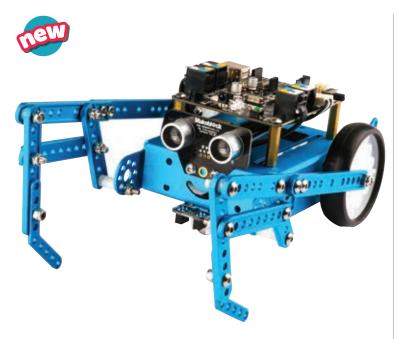
Makeblock mBot V1.1

MR90053 Bluetooth Version - Each \$179.95 MB90053-5 Bluetooth Version - Set of 5 \$799.95 MB90053-10 Bluetooth Version – Set of 10 \$1,549.95 MB90058 2.4G Version - Each \$179.95 MB90058-5 2.4G Version - Set of 5 \$799.95 \$1,549.95 MB90058-10 2.4G Version - Set of 10

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. Use Bluetooth for iPads/tablets or 2.4G for laptops/computers.

Key Features

- Compatible with the Makeblock platform and most LEGO parts
- Electronic parts are based on the Arduino open source ecosystem
- Easy drag-and-drop software
- 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. See page 23.



Six-Legged Robot - mBot Add-on Pack \$36.95 MB98050 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.

Included in the set

- 6x Screw M4*8
- 8x Screw M4*14
- 8x Screw M4*22
- 4x Screw M4*30
- 4x Screw M4*35
- 8x Nut M4
- 16x Lock Nut M4
- 12x Plastic Spacer 4*7*10mm

- 14x Plastic Spacer 4*7*3mm
- 24x Pack of Rivets
- · 2x Beam 0808-108
- 2x Beam 0808-092
- 6x Beam 0808-076
- 2x Beam 0808-060
- 2x Plate 45 degrees blue
- Wrench M5-M7



Servo Pack - mBot Add-on Pack

MB98052 Pack \$49.95

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).

- 2x Plate I1 blue
- 20x Screws M4*8
- 2x Plastic Ring
- 1x RJ25 Adapter
- 1x Wrench M5+M7
- 10x Nut M4
- 1x 9g Servo pack
- 2x Bracket 3*3
- 4x cuttable linkage (blue)

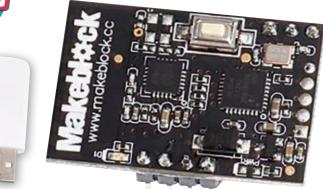




Bluetooth Module for mBot MB13035 Each \$29.95

Add this Bluetooth module to the 2.4G version of mBot (MB90058) to be able to use the robot wirelessly on your tablet or computer (Bluetooth enabled).





2.4G Wireless Serial for mBot \$39.95 Each

Add this 2.4G Wireless Serial to the 2.Bluetooth version of mBot (MB90053) to connect mBot to your computer via a 2.4G wireless connection, recommended for classrooms use. Includes dongle and module to plug on the mCore.





mBot Ranger

Makebl*ck

Complexity: Intermediate to advanced

Extendibility: Fully compatible with Makeblock platform

Programming Language/Software: mBlock, Makeblock HD, Scratch 2.0,

Arduino, Java

Compatibility: Apple tablets: iOS 7.0 or later - Apple smartphone: iOS 8.0 or

later - Android tablets/phones: Android 3.0 or later

Age Group: 8+ years

Curriculum Links: ACTDEK013/20/23/31/34/46

- ACTDEP014/15/16/18/25/26/28/35/36/37/38/39/49 ACTDIK007/14
- ACTDIP010/11/17/19/20/22/27/29/30/40/41

mBot Ranger Robot Kit is a threein-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 readyto-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.







Set of 10 **SAVE \$299.55**



Makeblock - mBot Ranger - STEM Robot

MB90092 Each \$339.95 MB90092-5 Set of 5 \$1,599.95 MB90092-10 Set of 10 \$3,099.95

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.





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

Ultimate Bot 2.0

Complexity: Higher-intermediate to advanced

Extendibility: Fully compatible with Makeblock platform

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: 10+ years

Curriculum Links: ACTDEK013/20/23/31/34/46 -

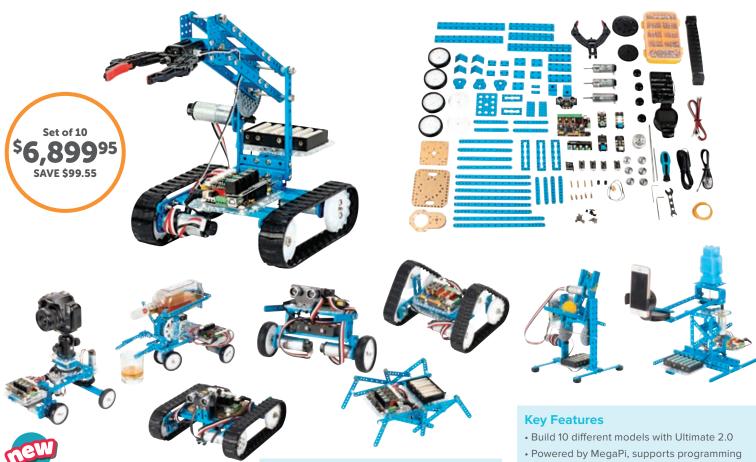
ACTDEP014/15/16/18/24/25/26/28/35/36/37/38/39/48/49/50 -

ACTDIK007/14 - ACTDIP010/11/17/19/20/27/29/30/40/41

Makebl**⇔ck**



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.



Ultimate 2.0 - 10-in-1 Robot Kit

MB90040 Each \$699.95 MB90040-5 Set of 5 \$3.999.95 MB90040-10 Set of 10 \$6.899.95

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.

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

- 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.







The Makeblock Inventor Electronic Kit is a modular electronic platform for quick prototyping. This kit contains 12 sensors and actuators, each with a colour-coded connector to simplify wiring. Each module comes with Arduino library for quick programming.

Electronic modules included

- 1x Me Bluetooth Module (Dual Mode)
- 1x Me Sound Sensor
- 1x Me RJ25 Adapter
- 1x Me Ultrasonic Sensor
- 1x Me 7-segment display-Red
- 1x Me RGB LED
- 1x Me Temperature Sensor
- 1x Me Light and Grayscale Sensor
- 1x Me Joystick
- 1x Me Orion
- 1x Me Potentiometer
- 1x Me PIR Motion Sensor
- 1x Me 130 DC Motor Pack

Key Features

- 12 electronic modules included, plus one Makeblock Orion (Arduinocompatible)
- Graphic programming languages support (MIT Scratch and Ardublock)
- Easy and intuitive wiring with colourcoded RJ25 connector
- Bluetooth module included to connect to tablets





Me Ultrasonic Sensor MB11001 Each \$36.95

Measure distance in the range of 3cm to 400cm, or use for obstacle avoidance.



Me RJ25 Adapter MB13801 Each \$7.50

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.



Me 3-Axis Accelerometer and **Gvro Sensor** MB11012 Each

\$36.95

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



MEDS150 Servo Motor MB80802 Each

The servo motor has a counter-clockwise pulse with 210° rotation angle. Brackets for servo motor sold separately.





Brackets for Servo Motor MB62208 Each

\$14.95

Made from aluminium, 2mm thick, anodised surface. Compatible to MEDS15 Servo. 4 M4x8 Screw included.



Me Light Sensor MB11007 Each \$12.50

Detect the intensity of ambient light.



Me Sound Sensor MB11008 Each \$12.50

Detect ambient sound intensity.



Me WiFi Module MB13020 Each \$37.95

Communicate with a PC or smartphone/tablet via WiFi or create a WiFi hotspot.



Me Digital Compass MB11024 Each

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



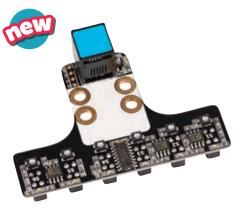
Me Touch Sensor MB11020 Each \$15.95

The touch sensor is triggered by finger touch.



mCore - Main Control Board for mBot MB10041

Main control board designed for mBot. Based on Arduino Uno, mCore integrates various on-board sensors, such as buzzer, light sensor, RGB LED, etc. Comes with four RJ25 connectors.



Me Line Follower Array MB11044

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



Injection Omnidirectional Wheel MB87020 Set of 2

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.

\$4.95



Makeblock - Me LED Matrix 8×16 \$19.95 Each

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.



Makeblock - TT Geared Motor MB81320

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



\$24.95

\$7.95



Makeblock - Me Temperature Sensor -Waterproof

MB11014 \$13.95 Each

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



Makeblock - Me 7-Segment Serial Display - Red

MB13402 Each \$15.95 A classic 4-digit common anode 7-segment display,

usually used to display numbers and a few special characters.



Makeblock - Me PIR Motion Sensor MB11010 Each \$13.95

Detect motion from animals/humans from about 6m



Makeblock - Me RGB LED Module MB13400 Each \$11.95

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.



Edison

Complexity: Beginners to complex

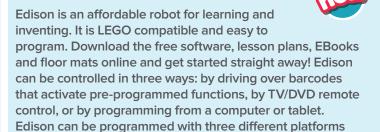
Extendibility: Add LEGO® to build bigger

and more complex models

Programming Language/Software: EdBlocks, EdWare and EdPy Compatibility: Windows, Mac, Linux, iOS (iPad) and Android Age Group: 6+ years

Curriculum Links: ACTDEP006/8/14 - ACTDIK001

- ACTDIP004/10/11/15/16/17/20/26/37/41





Edison Robot v2

for stepped learning.

EDM001-V2 Single Robot \$74.95 EDM001V2-2 \$139.95 Set of 2 EDM001V2-3 Set of 3 \$199.95 EDM001V2-5 Set of 5 \$329.95

Edison is well equiped with sensors and actuators for teaching educational robotics. Edison is programmed using EdBlocks, EdWare or EdPy. It has left and right obstacle detection, light sensors, a line tracking sensors, a buzzer, two motors with wheel encoders and LED lights. For full specifications, please refer to our website.



EdMat - Edison **Robotics Activity** Mat A1 Size \$57.95

EDM002M

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'.



Edison Robot Kits EDM001V2-10 Set of 10 & 2 Edmats

EDM001V2-15 Set of 15 & 3 Edmats

These packs are ideal for use with bigger groups of students. EDM001V2-10 includes 10 robots and one EdMat, EDM001V2-15 includes 15 robots and 2 EdMats.





Sphero

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. Mimic the solar system. Swim across the water. he only limit is your imagination.

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.

Complexity: Beginners to intermediate

Extendibility: use Sphero with a cover, or add ramps. Sphero is waterproof to extend the learning

Programming Language/Software: Lightning Lab

Compatibility: iOS 8 and up, Android 4.0.3 and up, Kindle Fire (2015), Fire HD 6, Fire HD 8 or Fire HD 10



Sphero SPRK+ Edition

MG001

Key Features:

- Super durable UV coated polycarbonate shell
- Bluetooth Smart (100 foot range)
- Goes over 4.5 mph (2m/s)
- · Built-in LED glow
- Inductive charging with over 1 hour of play on a full charge
- App and firmware updates that introduce new features
- USB Charging

\$181.95 Each

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 aroundthe globe to innovate the world of education and empower anyone to program.



••) sphero

Sphero 2.0 MG003

Key Features:

- Goes over 4.5 mph (2m/s)
- Durable polycarbonate shell
- Built-in LED glow
- Bluetooth connection (100 foot range)
- Inductive charging (over 1 hour of play on a full charge)
- Over 30 apps available that offer numerous ways to play
- Hackable and programmable internal robot
- App updates that introduce new features and gameplay
- Automatic firmware updates

\$181.95

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 guick start guide to get you rolling problem free.

Each



Sphero SPRK+ Edition - Power Pack MG0012 \$2,729.95

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 guick start guide. For full specifications, please visit our website.

No further discounts or promotions apply



Sphero SPRK+ Edition - Education 12 Pack Each

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.



\$1,819.95



littleBits STEAM Student Set 1 IR847 \$499.95

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



A great way to get introduced to the world of the Arduino programming littleBits environment, without the breadboarding, soldering or wiring normally required. littleBits **Includes Arduino** module littleBits Arduino Coding Kit LIB606 \$259.95

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

Includes:

The kit includes everything you need to get started (battery + power included!) right out of the box.

- Build with 8 Getting Started sketches, including a DIY Etch-a-Sketch™, Mouse Control and hundreds more from Arduino's community!
- Communicate with software (Processing, MaxMSP, Flash, etc.)
- Snap modules easily to 3 inputs and 3 outputs on the Arduino module, as well as additional I/O for advanced hardware interaction
- Download the Arduino software for free from www.arduino.cc



littleBits Gizmos & Gadgets Kit \$429.95 LIB680

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

Key Features:

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



Create internetconnected devices

Includes:

- CloudBit module
- USB powerBit
- ButtonBit
- Sound triggerBit
- · Long LED
- ServoBit
- USB cable plus mounting

littleBits Cloudbit Starter Kit

LIB608 \$249.95

This bundle includes the new cloudBit plus 5 other favourite prototyping modules; everything you need to create internet-connected devices in seconds. Recreate the most popular smart devices, use littleBits to prototype the next billion dollar idea, or invent a project that solves your own, unique problem.

Modules included:

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

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

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

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

XOR - for projects in which the activation requires input alternation

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

the Logic Kit lesson plan booklet











littleBits Logic Modules

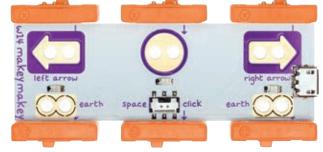
LIB800K	Set of 6 Modules	\$109.95
LIB820	Double OR Module	\$20.95
LIB821	Double AND Module	\$20.95
LIB824	Inverter Module	\$20.95
LIB825	NOR Module	\$20.95
LIB826	NAND Module	\$20.95
LIB827	XOR Module	\$20.95
LIB094	Split Wire	\$36.95

Logic modules create rules for your circuit to follow, enabling you to create more complex interactions. The logic modules should be used in combination with other littleBits modules like input, output and power modules (available on teaching.com. au). This kit consists of one of each of the 6 logic modules. Please note: The split wire (LIB094) is not included in the kit and sold separately.



littleBits Makey Makey Module LIB846

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



littleBits Spare Modules

LIB101	Power	\$15.95
LIB202	Long LED	\$26.30
LB205	DC Motor	\$39.95
LIB301	Slide Switch	\$26.30
LIB401	Wire	\$26.30
LIB512	9V Battery & Cable	\$10.95





Circuit Scribe

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.



Circuit Scribe Basic Kit CSR001 Each \$84.95



Basic Kit Contains

- 6 Modules:
- 9V Battery adapter with 9V battery
- x2 Bi-LED
- SPST Switch
- NPN Transistor
- 2-Pin Adapter with 5x resistors, 2x capacitors, and one photoresistor
- · Conductive Ink Pen
- Circuit Stencil
- Jumper Sticker Sheet
- Workbook
- Steel sheet



Maker Kit Contains

- 11 Modules:
- 9V Battery adapter with 9V battery
- x2 Bi-LED
- SPST Switch
- NPN Transistor
- 2-Pin Adapter with 5x resistors, 2x capacitors, and one photoresistor
- Potentiometer 10k ohms
- Blinker
- Buzzer
- RGB LED

- · Light Sensor
- Conductive Ink Pen
- Circuit Stencil
- Jumper Sticker Sheet
- Workbook
- Steel sheet







- Modules:
- 9V Battery adapter with 9V battery
- x4 Bi-LED
- SPST Switch
- NPN Transistor
- · 2-Pin Adapter with 5x resistors, 2x capacitors, and one photoresistor

Each

- Potentiometer 10k ohms
- Blinker
- Buzzer
- RGB LED
- · Light Sensor
- Motor x10 Connectors
 - x2 DPDT Switch

\$179.95

- Conductive Ink Pen Circuit Stencil
- Jumper Sticker
- Sheet
- Workbook
- · Steel sheet



Set of 10 **SAVE \$149.55**

Makey Makey Classic MKK001 Fach MKK001-5 Set of 5 MKK001-10 Set of 10

Makey Makey is an invention kit for the 21st century. Turn everyday objects into touchpads and combine them with the internet. It's a simple invention kit for beginners and experts doing art, engineering, and everything in between. You can connect up to 18 inputs to the Makey Makey (6 on the front and 12 on the back). Each set includes 1 Makey Makey, 7 Alligator Cables, USB Cord, 6 Connector Wires, 1 Tin Case, Stickers, and Instructions.



\$459.95 \$849.95

Key Features

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



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.

The Parrot drones are easy to control, can be used indoors and outdoors and are super stable. There are a range of software options that easily pair with your phone or tablet (iOS, Android):

- Free Flight Super intuitive; features rich software that gives you real time flight information, allows for acrobatic maneuvers, and in-flight camera controls for both photo and video capture.
- Flight Plan An in-app purchase within Free Flight that helps students explore more about autonomous mission planning, such as flying through waypoints or around points of interest. This is what autonomous flight is all about!
- Tynker Uses block coding as a simple interface accessible enough for early elementary students, but is extensible enough to challenge middle school students and beyond. Programs can be written and tested in the app and then directly uploaded to the Parrot minidrone, where things get really exciting!
- Tickle Another great free coding app that enables students to create programs to control Parrot minidrones. So much fun!



Parrot Mambo Drone

PAR7061

Each \$181.95

The Parrot Mambo minidrone is full of surprises! The Parrot Mambo comes with two accessories: the Cannon and the Grabber. Attach the Cannon to fire soft impact balls at strategic targets, or use the Grabber to pick up and transport objects (up to 4g) within allowed perimeters. The drone measures 18 x 18 cm with bumpers. For full technical specifications, please refer to our website.



Included

- 1 USB cable
- 50 Cannon balls
- 1 Quickstart guide



- · Stabilisation sensors:
- nertial Measurement Unit to evaluate speed, tilt and
- Contact (3-axis accelerometer and 3-axis gyroscope)
- Vertical stabilisation: Ultrasound sensor (measures below 13 ft / 4m altitude) & Pressure sensor
- · Horizontal stabilisation: Camera sensor



Included

- 1 Bebop 2
- 12700 mAh battery
- 1 Charger + cable + US/JP, UK, EU, ANZ adapter
- 1 USB Cable
- 8 Propellers
- 1 Propeller assembly tool
- 1 Quickstart guide

Technical Specification

- 25 minutes of flight time with 2700mAh battery
- · Live video streaming on your smartphone or tablet
- Designed with safety in mind: flexible propellers which lock in the event of contact
- Powerful rear LED light visible from a long distance
- Embedded latest generation GPS to control flight altitude and automatic return to the take-off point
- Dual core processor with quad-core GPU
- 8GB flash storage system



The Parrot Bebop 2 is a lightweight, compact HD video drone. It has an autonomous flight time of 25 minutes. It allows you to fly, film, and take photographs brilliantly both indoors and outdoors. It uses 7 sensors simultaneously to ensure maximum stability. It has an exclusive 2-axis image stabilisation system.

No further discounts or promotions apply

Included

- 1 Parrot Skycontroller 2
- 1 USB Cable
- 1 Charger + cable
- 1 Removable mount for smartphone or tablet





\$545.95



Drones

Complexity: Intermediate to advanced

Extendibility: Add CoDrone's accessories for additional

programming fun

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: 12+ years

Curriculum Links: ACTDEK031/43/46 - ACTDIP027/29/30/40

codrone



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.

CoDrone - Programmable Educational Drone

 CDR001
 Each
 \$299.95

 CDR001-5
 Set of 5
 \$1,399.95

 CDR001-10
 Set of 10
 \$2,749.95

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.





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











Kit includes

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

CoDrone Drive Kit CDR004 \$89.95

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

Key Features

- iOS and Android Smartphone Compatible
- Plug and play, easy to replace
- Main Body / CoDrone not included



CoDrone FPV Kit **CDR003**

Transform your drone to a Rover with the CoDrone Drive 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!

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

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



CDR002 \$89.95

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.



CoDrone Replacement Motor Set CDR005 Set of 2 \$39.95 A set of 2 replacement motors for the CoDrone.



CoDrone Propeller Set - Black CDR006 \$9.95

A replacement propeller set for CoDrone, supplied



CoDrone Guard Set CDR007 \$17.95

A replacement guard set for CoDrone, supplied in black.





Digital Microscope - Wireless/USB FD079 \$111.95

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

Specifications

- · Camera Sensor: 2 megapixel
- Resolution and frame rate
- USB Mode: HD 720p 1280x720
- WiFi Mode: VGA 640x480
- Connectivity: IP/Network WiFi or USB 2.0
- View in WiFi mode: Android™, iPhone®, iPad® Internet or Windows System IE Internet Explorer
- View in USB mode: Skype or Amcap
- Battery: 1800mAh li-ion battery
- Charging connector: Micro USB socket same as smartphone



Zoomy 2.0 - Digital Microscope LER4429-B \$99.95

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.









US HARNEYS



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.



gooseneck, auto focus, 8 LED lights, and internal microphone. No batteries



Digital Microscope Advanced -Monocular

EIS0360 \$899.95

This advanced digital microscope will show the smallest things in great detail. With 1W LED illumination, the camera is 1.3MP and connects via USB. The software is included. The monocular eye piece has a built-in pointer and a tube length of 160mm. The head is 360° rotatable. The 40x and 100x oil objectives are springmounted and achromatic colour coded DIN objectives. Comes with built-in protection for specimen and objective. The plain stage measures 120x120mm. With coaxial coarse and fine adjustment knobs on both sides with 0.002 mm graduations.

required. Compatible with PC and Mac. Measures 50cm high.

Animation Software

Complexity: Beginners

Extendibility: Add art and craft materials to create characters

or use other figurines. The possibilities are endless!

Programming Language/Software: N/A

Compatibility: Windows XP/Vista/7/8 or Windows 10, Intel

Mac, OS X version 10.8 or later

Age Group: 6+ years

Curriculum Links: ACTDEK004/13/23/34

- ACTDEP006/7/9/14/15/16/18/25/26/28/36/37/39

- ACTDIK001/7/14



The OGOBILD with Animate It! kit combines constructive play with stop motion animation movie making. Is an all-in-one kit for any student to start learning how to create their own stop-motion animated movies. Use the construction parts included to create personalised characters, or create your own with art and craft resources. The easy-to-use software and camera included will get you started straight out of the box!

Create stop-motion animations!

OGOBILD – Animation Set with Camera

OG001 Each \$89.95 OG001-5 Set of 5 \$399.95 OG001-10 Set of 10 \$699.95

The OGOBILD with Animate It! Kit contains a building kit with 103 construction parts to build your creatures. It also comes with an instruction book introducing stop motion animation, a steadymount webcam, and software certificate for the Animate It! Express software. The construction pieces include hands, feet, and much more to build lively characters, slick vehicles, and out-of-thisworld structures. The various connector pieces snap together providing strong yet flexible joints perfect for the delicate articulation required when creating stop motion animation. The software will guide you step-by-step through the world of stopmotion animation.



Kit includes

- 10x Animation software, cameras and construction pieces (OG001)
- Set of 6 Fluoro Dough 1kg each (CS2064)
- Pack of 550 assorted Joggle Eyes (TH321)
- Pack of 1000 assorted Pipe Cleaners (CL4704)
- Pack of 300 assorted Pom Poms (EC30S)
- Creative Soft Wire in assorted Colours 30m (TH030)



OGOBILD - 10 Animation Sets with Camera & Craft Kit

OGKIT1 \$799.9!

Everything you need to bring your characters, vehicles, buildings and structures to the next level! This kit includes 10 animation sets and cameras (10 x OG001) plus a wide range of

craft resources to create the most creative stop-motion animation videos! Perfect for classroom use.



The ultimate animation class kit

\$1,050.00 \$**799**95 SAVE \$250.05









3D Printers

Complexity: Beginners to advanced

Extendibility: Use the handheld scanner (not

included) to scan and print any object. Print parts for the Humanoid Bolide (not included and sold separately) to create your own personalised robot.

Programming Language/Software: XYZware (File types: .stl and XYZ Format (.3w))

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

Age Group: 8+ years

Curriculum Links: ACTDEK004/13/34/43

- ACTDEP005/6/7/14/15/16/24/25/26/35/36/37/48/49/50

Become your own manufacturer and create 3D objects with ease. XYZ 3D printers come with XYZware which is software for designing, customising, and printing digital 3D models. 3D printing allows for exploration of objects that might not be readily available in the classroom, improves design skills and production processes, and allows students to analyse a prototype they have build. 3D printers are the future for STEM related core lessons.

Da Vinci JNR 1.0 3D Printer by XYZprinting MTT0173JR \$699.95

Big things come in small packages. Don't let its slimmer and lighter look fool you, the da Vinci Jr. has a robust build size of 15 x 15 x 15cm and a resolution of 100 to 400 microns. Its design allows for the inclusion of an auto-feeding filament system, which takes the PLA filament to the extruder, and ensures that the filament is loaded properly and is ready to print.

Key Features

- Safety-enclosure Enclosed printing area and non-heating bed
- Stand Alone Built-in SD card slot allows users to print from SD card directly
- · Easy Loading Filament
- Eco-Friendly Supports PLA material, the most highly efficient biodegradable plastics
- USB connection for printing from your PC
- Single nozzle with print mode 100 400 microns
- Supported operating systems include: Windows 7 and above, Mac OSX 10.8 and above (64-bit)





Da Vinci 1.0 3D Printer Pro 3-in-1 by XYZprinting MTT0173-P \$1,799.95

With a built-in scanner, optional laser engraving add-on capability, and an open source filament system that allows you to print in third-party ABS and PLA 1.75mm filaments, the da Vinci Pro 3-in-1 is the perfect machine for becoming your own manufacturer.



Specifications Scanner

- 360-degree automatic rotating platform
- Dual-laser scanning technology for distortion-free capture of every single detail
- Automatic imaging takes only 5 minutes
- Finished scans are fully editable
- Multi-scan function: Scan your models in multiple angles and the software will merge them into one image to provide the best possible results

Specifications Printer

- 20 x 20 x 19cm print dimensions
- The aluminium print bed allows for an even distribution of heat
- Capable of using third party 1.75mm ABS and PLA filament
- New and intuitive calibration system that uses specially designed knobs and detection software for easy use

No further discounts or promotions apply



Create personalised designs for i.e. school trophies





The Da Vinci 1.0 Pro Laser Engraver Module is an addon module for the Da Vinci Pro 3-in-1. It can be used as to engrave your creative designs onto various materials such as paper, cardboard, leather, wooden boards and plastic surfaces with a 20 x 20cm engraving area.



Handheld 3D Scanner by XYZprinting

MTT0173S \$429.95

Powered by Intel RealSense Technology, the Handheld 3D Scanner is fast in both scanning ability and processing speed. It allows for great scanning result and reliability. It is able to clip-on the back of a tablet, laptop, or any other device with a USB 3.0 connection for high mobility. Fully integrated with XYZprinting's 3D printers, users can print their desired objects directly from their laptops at any time, or share it digitally. Visit our website for full specs and compatibility with your device



Filaments Each \$59.95

Create colourful projects with a wide range of coloured filaments. The DaVinci Junior 3D printer can be used with PLA filaments, the DaVinci 1.0A 3D printer can be used with both PLA and ABS filaments. Each filament is 600 gram. Ventilation is required when using ABS. For a full comparison of PLA and ABS, please refer to our website.

DaVinci 1.0A & Pro 3-in-1 PLA Filament

Duvi	1101 1107 01	100 III II EA
	MTT0173B	Black
	MTT0173N	Nature
	MTT0173TA	Tangerine
	MTT0173CY	Clear Yellow
	MTT0173NG	Neon Green
	MTT0173CG	Clear Green

No further discounts or promotions apply

DaVinci 1.0A & Pro 3-in-1 ABS Filament MTT0173ABK Black MTT0173ASW **Snow White** MTT0173AGP Grape Purple MTT0173ABG **Bottle Green** MTT0173AO Olivine MTT0173ANY Neon Yellow Yellow MTT0173AYW MTT0173ASO Sun Orange MTT0173ARD Red MTT0173ANM Neon Magenta

Da Vinci Junior PLA Filament

MTT0173PB	Black
MTT0173PPW	Pearl White
MTT0173PN	Nature
MTT0173PR	Red
MTT0173PCT	Clear Tangerine
MTT0173PY	Yellow
MTT0173PNG	Neon Green
MTT0173PCG	Clear Green
MTT0173PCB	Clear Blue



Wearable Technology

Complexity: Beginners

Extendibility: Add clothing, accessories and craft items to

create wearables and craft projects that light up

Programming Language/Software: N/A

Age Group: 10+ years

Curriculum Links: ACTDEK011/13/20/23/34/46/47 - ACTDEP015/16/18/24/25/26/35/36/37/48/49/50

- ACTDIK007/14

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 Starter Pack

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

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



Wearable Technology Group Pack EIS3030 \$69.95

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



Wearable Technology Class Pack EIS1590 \$229 95

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



• Pack of 100 cardboard strips (10 x 60cm)

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



Document Camera & iPad® Stand CRN001A \$149.95

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).



Specifications

Frame: 167(H) x 131(W) x 66(D)cm

Bottom shelf: 99(W) x 36(D)cm with a 7(H)cm

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.

Open Tubs: 38(L) x 30(W) x 15(D)cm Small Tubs: 41(L) x 15(W) x 15(D)cm

Tiny Tubs: $13(L) \times 8(W) \times 10(D)$ cm

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
- 4 Small Tubs, 4 Open Tubs, 4 Tiny Tubs
- 4" castors, 2 with brakes and pinch point



GummyGrip Stylus for Kids ACC7186 \$16.95

This stylus is perfect for kids, with a firm, durable tip for drawing, writing, or selecting. Made of non-toxic materials safe for children. It is ergonomic shape for kids' hands. Fits perfectly into stylus holder on SafeGrip Rugged Cases (ACC7794 and ACC7793, sold separately).

Kensington - Stylus & Pen - Black \$27.95 ACC7044

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



Noris Stylus & Pencil - HB STA9203 Each \$7.20 STA9203K Set of 10 \$59.95

- 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















3D Printer Cart - Premium Model CRN5001 \$799.95

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.

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
- Sliding laptop shelf fits laptops up to 17"
- Magnets for attaching accessories to frame

Tech Tub Locking Station for iPad® & Tablets CRN1000K Each \$139.95

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) \times 23 (W) \times 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.

\$149.90 **SAVE \$9.95**



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



Tech Tub Locking Block and Pin CRN100 \$44.95

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.

Premium Tech Tub - Complete Kit CRN700 \$329.95

The Premium Tech Tub now comes with a higher lid, to fit even bigger laptops and tablets! 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 35.6 (H) $\times 23$ (W) \times 2.8 (T) cm. For a full list of compatible devices, please refer to our website. The specifications are identical to the Tech Tub (CRN1000K), but with additional accessories to get started straight away!

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

Complete kit

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.

Lock, Charge & Sync Cabinet for Tablets ACC7862 \$999.95

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.







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
- Tamper-resistant, retracting door opens wide for easy access
- · Built-in cooling fan to avoid overheating charging tablets
- · Individual lock keys included.

Charge & Sync Cables

These cables come in sets of 5 and are designed for use with the Lock, Charge & Sync cabinets (ACC7064). Fach cable measures 20cm



Lightning Cable for iPad Air and Mini ACC7864 Set of 5 \$119.95



Cable for iPad 2 to 4 ACC7865 Set of 5 Cable for Samsung & Kindle

ACC7866 Set of 5

\$29.95



Kensington Secure Cabinet Trolley ACC7909 \$139.95

When it's more convenient to move your tablets to the users than have the users come to the tablets, there's no better solution than the Secure Cabinet Trolley. Designed to hold up to two Lock Charge & Sync Cabinets for Tablets (ACC7862), the trolley allows you to mount the cabinets directly to the platform for a secure ride.

Specifications

- Free-spinning rubber wheels to roll the trolley in any direction
- Dual pedal locks that limit the trolley's ability to move when engaged
- Mounting platform allows you to secure the Lock Charge & Sync Cabinets for Tablets (ACC7862) directly to the trolley
- Two cabinets can be stacked on trolley so up to 20 tablets can be moved at a time



Lock Charge & Sync Cabinets & **Trolley Kit** ACC7862K \$1,999.95

This kit includes 2 Lock, Charge & Sync Cabinets for Tablets (ACC7862) and one Secure Cabinet Trolley (ACC7909). An ideal kit if you have to move your tablets around the school often. Holds up to 20 tablets at the same time



\$49.95

Kensington Laptop & Chromebook Charging Cabinet \$1,199.95

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.

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
- 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









MakerSpace Kit MB99061M

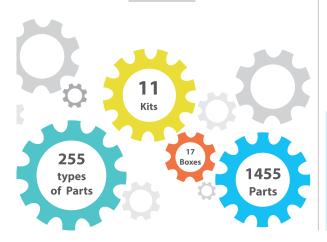
1455 pieces

\$9,999.95

Makeblock is a block-building platform including more than 300 types of metal building blocks, electronic modules and software as well as an open-source creavitity platform including various classic creativity kits. The Makerspace Kit consists of 11 types of kits, packed into 17 boxes of mechanical parts, electronic parts and tools and accessories. Scientifically proportioned and flexibly configurable, the kit is designed for various ages and educational institutions. Software is also provided for MakerSpace, including complete instructions, integrated operation plans and workshop cases of different difficulties. For a full list of components included in this kit, please refer to our website.









High-strength aluminium alloy material

Most of the Makeblock parts are made of 6061 aluminium alloy, which is bright in colour, reliable in quality and sturdy in construction.



Open compatibility

Makeblock is compatible with various common industrial standard components, e.g. bearing, timing belt, stepper motor, etc. as well as parts of teh LEGO building blocks, so you are able to select your required parts within a wide range at low



Unique thread groove design

Makeblock's well-designed thread grooves making it easier to connect at any position without any nuts, so the parts can be connected with endless variations like with LEGO blocks. Infinite part combinations support vaious modes of transmission and motion to meet various needs.



Lowering the threshold of entry

Makeblock works with the unique RJ25 adaptors and has a colour coded system. This makes it easy to connect a variety of motors and sensors without soldering.



Makerspace Building Kit MS900K \$469.95

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

Kit includes

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

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

1x Galt - Connecta Straws (GN0545)

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

1x Paddle Pop Sticks Plain - Pack of 1000 (JM67)

1x Scratch Wooden Sticks - Pack of 25 (TH088)

1x Duct Tape 20m x 48mm (UB0096D)

1x High Temperature Glue Gun (CG39)

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

1x Hammer - 16cm (IND012)

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

1x Armature Wire 3mm x 50m Roll (TH903)

1x Wooden Spools Natural - Pack of 50 (SH960)

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

1x Wooden Wheels - Pack of 20 (TH502)

1x Seagrass Cord 75m Roll (SH919)

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

2x Heavy Duty 80 Litre Container (K80L)



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

Kit includes

- 1x Assorted Basic Pliers Set of 5 (AM8360)
- 3x Duct Tape 20m x 48mm (UB0096D)
- 12 x Stationery Scissors Black Handles 14cm
- 1x Tool Wrap 60 x 23cm (MDS3007)
- 3x Flathead Screwdriver 19cm (IND008)
- 2x Sanding Mouse 13cm (MDS9050)
- 3x Hammer 16cm (IND012)

- 1x Spring Clamp 6 pieces (IND0606)
- 2x File 25cm (IND007)
- 3x Phillips head Screwdriver 19cm (IND0081)
- 1x Whittling Peelers Set of 6 (MDS9016)
- 1x Hand Drill Drill Bits (MDS9022)
- 1x Hand Drill 26cm (MDS9021)
- 6x G-Clamp 15cm (IND006)
- 2x Retractable Tape Measure (IND005)
- 12x Clear Safety Glasses Vented (EISO619A)
- 1x Tenon Saw 300mm (NL023)
- 1x Leather Punch Pliers Metal (NLO11)
- 3x Cutting Knife (NL031)
- 3x Multipurpose Shears (NL022)

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







Makerspace Circuits Kit

\$1,299.95

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

Kit includes

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



Kit includes

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

Kit includes

4x Ogobild Animation Software & Camera (OG001)

2x LEGO® Education StoryStarter (LEG45100)

2x LEGO StoryStarter Fairy Tale Expansion Set (LEG45101)

2x LEGO StoryStarter Space Expansion Set (LEG45102)

2x LEGO StoryStarter Community Expansion Set (LEG45103)

1x Dough Set of 6 x 1kg Tubs (CS2049)

1x Joggle Eyes Assorted Container - Pack of 550 (TH321)

1x Assorted Pipe Cleaners Bulkpack 30cm Pack of 1000 (CL4704)

1x Pom Poms Assorted Colours & Sizes - Pack of 300 (EC30S)

1x Creative Soft Wire - Assorted Colours 60m (TH030)



MS800K \$1.099.95

Story telling has never been more interesting! This kit includes a wide variety of resources to create, tell and write a story. The LEGO StoryVisualiser software allows students to create a variety of writing styles, while the animation software teaches students to incorporate software to create a stop-motion movie. The art and craft resources let students build and create personalised characters.





Makerspace 3D Printer & Humanoid Robot Kit

MS100K \$2,499.95

Customise your Humanoid Bolide by creating your own parts with the 3D printers from XYZprinting. Use any of the 3D model templates provided, or create your own! Your bolide will never look standard and unoriginal again!

Kit includes

- 1x Humanoid Robot (MTT0037)
- 1x Da Vinci 1.0A 3D printer (MTT01731)
- 4x PLA filaments for the 3D printer (1x red
- MTT0173PR, 1x black MTT0173PB, 1x yellow
- MTT0173PY, 1x white MTT0173PPW)





Kit includes

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





Save with our Super Buys







Kit includes

- 2x Cubetto (CUB001)
- 1x Cubetto Adventure Pack (CUB003)
- · 2x Bee-Bot (TTSB001)
- 2x Dash & 1x Dot (DW002 & DW001)

Makerspace Technology Pack - Early Years

Introduce coding and programming to the younger students with a variety of robots. By using different platforms and different coding solutions, students create a flexibility to switch from one system to another with ease.













- 2x Dash & 1x Dot (DW002 & DW001)
- 2x Makeblock mBot 2.4G Version (MB90058)
- 2x Pro-Bot (TTSP0535)
- 2x LEGO® Education WeDo 2.0 (LEG45300)
- 1x littleBits Premium Arduino Starter Kit (LIB606)
- 1x Ogobild Animation Software & Camera (OG001)

Makerspace Technology Pack - Lower Primary

A perfect combination of digital solutions for a group of students with different levels of experience. The robots vary from early entry points to more advanced programming solutions. A variety of robots allows you to switch between platforms and create a wide range of programming knowledge. Also included are littleBits to reinforce knowledge about circuits and incorporating STEAM lessons. The animation software will keep students entertained for days.



Kit includes

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

Pack - Upper Primary / High School

\$3,899.95 MS600K

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

