

2020 Digital Technologies



















New LEGO[®] kits including professional development

Classroom solutions, professional development & lesson support



FREE freight over \$199* Fast Shipping – 5 to 7 working days teaching.co.nz P 0800 808 044 F 0800 682 329

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This kit includes a wealth of resources to practise with coding and programming in combination with tablets. This kit includes:

-12x Blue-Bots (TTSB485)

- -2x Docking stations for the Blue-Bots (TTSB0358)
- -10x Dash robots (DW001)
- -10x LEGO Education WeDo 2.0 Sets (incl.
- rechargeable battery) (LEG45300 + LEG45302)
- -2x 10-Port USB chargers to charger
- the Dashes as well as your tablets (LVS120) -1x Multi-Charger to charge the WeDo 2.0
- sets (WLMC04) TRB001K

s (incl. LEG45302) /S120) to 2.0 \$10,229,95

LELLELLLL





Robotics Class Kits



Early Years Robotics Pack

This kit is a great introduction to programming for young students. The kit includes 2x Blue-Bot (TTSB485), 2x Bee-Bot (TTSB001), 2x KUBO (KB1030), 2x Rugged Robot (TTS1000), 2x Dash (DW001), 2x Kinazium Maze including sensors (TRX003) and 2x Transparent Grid Mats

ROBOT-KIT1	Kit \$2,859.95
TTSB001	Bee-Bot - Single Robot \$98.95
TTSB485	Blue-Bot - Bluetooth Floor Robot \$252.95
TTS1000	Rugged Robot \$318.95
KB1030	KUBO Coding Core Set \$384.95
DW001	Dash - Smart Educational Robot \$318.95
TRX003	Kinazium Robotics Maze & Sensors \$219.95
TEB6222	Transparent Grid Mat 90x90cm \$43.95





Primary School Robotics Pack

A great bundle of robotics platforms for primary aged students to work in small groups and get familiar with different coding languages. This set includes 2x LEGO® Education WeDo 2.0 (LEG45300) including rechargeable battery (LEG45302), 2x Dash (DW001), 2x Mabot Starter Kit (BM1005), 2x KUBO (KB1030), 2x Sphero BOLT (MG002) and 2x MaQueen including micro:bit (DFR148 & ELE8764).

ROBOT-KIT	2 Kit \$3,359.95
LEG45300	LEGO Education WeDo 2.0 Core Set \$344.95
DW001	Dash - Smart Educational Robot \$318.95
BM1005	Mabot Starter Kit - 7 Modules \$241.95
KB1030	KUBO Coding Core Set \$384.95
MG002	Sphero BOLT \$299.95
DFR148	MaQueen Robot - micro:bit Robot \$76.95
LEG45302	LEGO WeDo 2.0 Smarthub Rechargeable Battery \$120.95
ELE8764	Micro:Bit \$28.95





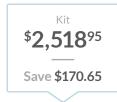
Upper Primary/High School Robotics Pack

This bundle is ideal for upper primary and high school students and takes robotics and coding to the next level. Improve your skills with drag-anddrop software or move on to text-based coding. The set includes 2x LEGO Education SPIKE™ Prime (LEG45678), 2x LEGO MINDSTORMS® Education EV3 (LEG45544-1), 2x Sphero RVR (MG100), 2x Max:Bot (DFR147), 2x Learning Lab including micro:bit (GG1269 & ELE8764) and 2x Wonder Workshop Cue (CW001).

ROBOT-KIT3	Kit \$4,969.95
LEG45678	LEGO Education SPIKE Prime Set \$574.95
LEG45544-1	LEGO EV3 Core Set \$799.95
MG100	Sphero RVR \$469.95
DFR147	MaxBot \$186.95
GG1269	Learning Lab - Robotics Workshop for microbit \$219.95
ELE8764	Micro:Bit \$28.95
CW001	Wonder Workshop Cue - Onyx Robot \$373.95



3



Makerspace Upper Primary Robotics Kit

This Lower Primary Robotics Kit includes 2 each of the following, LEGO® WeDo 2.0 Core sets (LEG45300), Dash Robots (DW001), Sphero BOLT robots (MG002), and The Photon Robots (PH001).

MS170K	Kit \$2,518.95
LEG45300	WeDo 2.0 Core Set \$344.95
DW001	Dash Robot \$318.95
PH001	Photon Robot \$412.95
MG002	Sphero BOLT Robot \$299.95





Kit \$65995

NEW

Getting Started with Circuits

This Getting Started with Circuits Kit is an ideal starting point for an introduction to circuitry and electronics, and can either be incorporated with or without coding and programming. The set includes one of each of the following resources: Squishy Circuits Deluxe Kit (EL9352), Boson Starter Kit for micro:bit (DFR086), Circuit Scribe Super Kit (CSR002), Makey Makey (MKK001), Makeblock Neuron Inventor Kit (MB3001).

WWCIRCUITKIT	Kit \$659.95
EL9352	Squishy Circuits Deluxe Kit \$164.95
DFR086	Boson Starter Kit for micro:bit \$120.95
CSR002	Circuit Scribe Super Kit \$153.95
MKK001	Makey Makey \$76.95
MB3001	Makeblock Neuron Inventor Kit \$197.95



micro:bit Circuitry Class Kit

Kit

micro:bit is an extremely popular pocket-sized computer that can be coded with the programming tool that's right for you, from block coding to textbased programming with Python. To make micro:bit even more engaging, we have bundled it up with compatible circuitry resources to bring it to life. Included in the set are: 10x micro:bit Go's (ELE8766), 10x Boson Starter Kit for micro:bit (DFR086), 10x Grove Inventory Kit (GRV0762)< 10x Wearable E-Textiles (ELE1747), 10x STOP:bit - Traffic Light (ELE1717), 10x LAMP:bit -Street Light (ELE1718) and 10x ACCESS:bit - Access Barrier (ELE1719).

MICRO-KIT1	Kit \$3,079.95
ELE8766	Micro:Bit Bundle – Pack of 10 \$263.95
DFR086	Boson Start Kit for microbit \$120.95
GRV0762	Grove Inventor Kit for Micro: bit \$120.95
ELE1747	Wearable E-Textiles Kit for micro:bit \$20.95
ELE1717	STOP:bit - Traffic Light for micro:bit \$8.30
ELE1718	LAMP:bit - Street Light for micro:bit \$9.80
ELE1719	ACCESS:bit - Access Barrier for micro:bit \$21.95





\$**3.309**⁹⁵ Save \$247.25 x5 MI 11 g ELI DF DF DF x5 GG -119-8 DF DF 1 1 AAAAAA DF

micro:bit Circuitry & Robotics Class Kit

Use the micro:bits included in this kit with a wide variety of resources to bring your micro:bit to life. This bundles includes the following resources: 10x micro:bit Go's (ELE8766), 5x Boson Starter Kit for micro:bit (DFR086), 5x Max:Bot (DFR147), 5x MaQueen (DFR148), 5x Learning Lab Robotics Workshop (GG1269), and 5 each of the following Boson sensors: Soil Moisture (DFR038), Temperature (DFR011) and Waterproof sensor (DFR042).

ICRO-KIT2	Kit \$3,309.95
.E8766	Micro:Bit Bundle – Pack of 10 \$263.95
FR086	Boson Start Kit for microbit \$120.95
FR147	MaxBot \$186.95
FR148	MaQueen Robot – micro:bit Robot \$76.95
G1269	Learning Lab – Robotics Workshop for microbit \$219.95
FR038	Boson – Soil Moisture Sensor – Input \$12.95
FR011	Boson – Temperature Sensor – Input \$21.95
FR042	Boson – Waterproof Sensor – Input \$18.95







LEGO[®] EV3 Core Set

LEGO® MINDSTORMS® Education EV3 brings project-based learning to the world of computer science and STEM, enabling secondary students to improve critical-thinking, problem-solving, and collaboration skills. As inspiring as it is engaging and creative, you can use the EV3 straight out of the box, and download the software, curriculum material and eLearning modules for free. Your greatest challenge will be getting your students to leave the classroom. You can now program the EV3 with the MINDSTORMS EV3 MicroPhyton programming Language too for even more versatility.

LEG45544-1

LEGO EV3 Core Set \$799.95

\$6,57795 Save \$789.35

LEGO EV3 Class Pack – 16 Students & Storage

This LEGO MINDSTORMS Education EV3 Classroom

Solution is suitable for up to 16 students. The set includes 8 EV3 Core Sets, a multi-charger to easily charge all robots at the same time, a robotics training mat and a triple storage unit to conveniently store all trays when not in use and to move the sets from one classroom to the other.

LEG45544-8S	Kit \$6,577.95
LEG45544-1	LEGO EV3 Core Set \$799.95
WLMC01 Multi-Charger 8-Po	rt for Nxt,EV3 & WeDo 2 Batteries \$428.95
ROB014	MTA Robotics Training Mat \$131.95
SUN833	Ergerite - Storage Trolley – Triple \$367.95







LEGO EV3 Class Pack - 30 Students

This LEGO MINDSTORMS Education EV3 Classroom Solution is suitable for up to 30 students. The set includes 15 EV3 Core Sets, two multi-chargers to easily charge all robots at the same time, a and robotics training mat.

LEG45544-15	Kit \$11,394.95
LEG45544-1	LEGO EV3 Core Set \$799.95
WLMC01 Multi-Charger 8-Port for	r Nxt,EV3 & WeDo 2 Batteries \$428.95
ROB15	MTA Robotics Challenge Mat \$131.95

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LEG45678

\$574.95

Kit **\$6,068**95

Save \$405.20

LEGO Education SPIKE Prime Set of 10 & Storage

Our most popular SPIKE Prime bundle for classroom use! This set includes 10 LEGO Education SPIKE Prime Sets, a 10port USB charger to conveniently charge all sets at the same time via USB cable, and 2 double storage trolleys to store the trays when not in use, or to move the sets from classroom to classroom.

LEG45678	-105 Kit \$	6,068.95
LEG45678	LEGO Education SPIKE Prime	\$574.95
LVS120	120W 10 Port USB charger	\$120.95
SUN832	Ergerite - Storage Trolley - Double	\$275.95



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x2

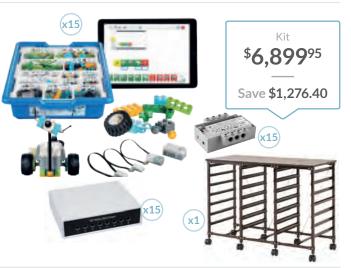


LEGO® WeDo 2.0 - 15 Sets & Charger & Storage

Designed for primary school classrooms (years 2-4), the WeDo 2.0 Core Set is a hands-on solution that enhances pupils' curiosity and skills in computing and science. The software the WeDo 2.0 Curriculum Pack, which covers life, physical, earth, and space sciences, as well as engineering. This solution consists of 15 WeDo 2.0 Core Sets including rechargeable battery, 2 multi-chargers to charge all robots at the same time and a triple storage system.

LEG45300	-15CS Kit \$6,899.95
LEG45300	LEGO [®] Education WeDo 2.0 Core \$344.95
LEG45302	LEGO WeDo 2.0 Smarthub Rechargeable Battery \$120.95
WLMC01	Multi-Charger 8-Port for Nxt, EV3 & WeDo 2 Batteries \$428.95
SUN8336	Ergerite Triple Storage System for WeDo Trays \$329.95

Save \$3.03490



LEGO Education Multi Platform School Solution



LEGO Education is dedicated to inspiring students of today to be smart, creative and STEAM-minded leaders of tomorrow. With robotics platforms suitable from year 2 all the way through to high school, you will be able to deliver engaging content and a hands-on leaning for every student, with a platform that grows with the students' capabilities and interests. This school solution includes: 10x LEGO EV3 Core Sets (LEG45544-1), 10 SPIKETM Prime Sets (LEG45678), 10 WeDo Core Sets incl rechargeable battery (LEG45300 & LEG45302), 2 multi-chargers (WLMC04) and one 10-port USB charger (LVS120).

LEG1000K	Kit \$1	7,819.95
LEG45544-1	LEGO EV3 Core Set	\$799.95
LEG45678	LEGO Education SPIKE Prime Set	\$574.95
LEG45300	LEGO Education WeDO 2.0 Core Set	\$344.95
WLMC04	Multi-Charger 10 Port for LEGO EV3,NXT or WeDo 2.0	\$472.95
LVS120	120W 10 Port USB charger	\$120.95
LEG45302	LEGO WeDo 2.0 Smarthub Rechargeable Battery	\$120.95

cludes 3 hours Online Professional Development for each platform – a total of 9 hours! Visit our website for more information, terms and conditions.

LEGO Education Multi Platform School Solution incl Expansion Sets

This LEGO Education Continuum School kit offers a LEGO Education platform for students from year 2 till 12, and grows with the students' capabilities and interests. This bundle includes everything to take robotics and coding to the next level. Included in the bundle are: 10x LEGO EV3 Core Sets (LEG45544-1), 5x EV3 Expansion Sets (LEG45560), 2 EV3 Space Challenge Sets (LEG45570), 10 SPIKE Prime Sets (LEG45678), 5x SPIKE Prime Expansion

NFW

Sets (LEG45680), 10 WeDo Core Sets incl rechargeable battery (LEG45300 & LEG45302), 2 multi-chargers (WLMC04) and one 10-port USB charger (LVS120).

LEG2000K	Kit \$20,239.95
LEG45544-1	LEGO EV3 Core Set \$799.95
LEG45560	LEGO Mindstorms Education EV3 Expansion Set \$225.95
LEG45570	LEGO Mindstorms EV3 Space Challenge Set \$439.95
LEG45678	LEGO Education SPIKE Prime Set \$574.95
LEG45680	LEGO Education SPIKE Prime Expansion Set \$189.95
LEG45300	LEGO Education WeDO 2.0 Core Set \$344.95
WLMC04	Multi-Charger 10 Port for LEGO EV3,NXT or WeDo 2.0 \$472.95
LVS120	120W 10 Port USB charger \$120.95
LEG45302	LEGO WeDo 2.0 Smarthub Rechargeable Battery \$120.95

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x1(

x10

Save

\$**3.698**80



Dash – Set of 12 Robots & 10-Port USB Charger

Meet Dash! Dash robot is an exciting, hands-on learning tool for students in grades K-5! Targeted at teaching creative problem solving and computational thinking, Dash helps students learn fundamental processes relevant for all 21st century skills. This is a set of 12 Dashes and also includes a 10-port USB charger to conveniently recharge your

Dashes without taking up too much space.	
DW001-12K	Set of 12 \$3,508.95
DW001	Wonder Workshop – Dash Robot \$318.95
LVS120	120W 10 Port USB charger \$120.95

Set of 12 \$3,50895 Save \$439.40



Wonder Workshop Cue Robot - Set of 12 & 10-Port Charger

Cue is Dash's big brother, and is suitable for students in years 5 to 8 and introduces text-based coding in JavaScript, as well as block based coding. Give Cue advanced capabilities by building powerful programs at the skill level that is right for you. With Emotive AI systems, Cue delivers a level of personality, intelligence and interactive communication unlike any other robot. This bundle includes 12 Cue robots and also includes a 10-port USB charger to conveniently recharge your robots without taking up too much space.

CW001-12K	Set of 12 \$4,179.95
CW001	Wonder Workshop Cue – Onyx Robot \$373.95
LVS120	120W 10 Port USB charger \$120.95





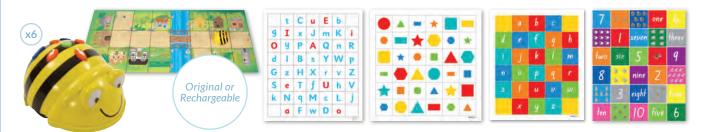
Wonder Workshop Dash & Cue School Pack

This Wonder Workshop School Pack allows you to teach robotics and coding from K to 12 with Dash and Cue! From very basic coding to text-based programming in JavaScript, this bundle let's you do it all! Included in the set are: 10x Dash (DW001), 10x Cue (CW001), 3x Sketch Kit (CW111), 1x MTA Robotics Whiteboard Mat (TEB6255), 3x Gripper Building Kit (DW008), 3x Launcher (DW007), 3 sets of Dash Challenge Cards (DW011), curriculum guide and one-year access to the online learning portal (DW021), one Cue Curriculum Guide (CW102) and three each of the Cue Students Books; Game Design (CW071), Innovation (CW081) and Creative Writing (CW613).

DW1000K	Kit \$7,699.95
DW001	Dash – Smart Educational Robot \$318.95
CW001	Wonder Workshop Cue – Onyx Robot \$373.95
CW111	Cue Sketch Kit \$87.95
TEB6255	MTA Robotics Coordinates Whiteboard Mat \$98.95
DW008	Gripper Building Kit for Dash & Cue \$69.95
DW007	Dash Ball Launcher – Accessory \$60.95
DW011	Dash & Dot Challenge Cards \$74.95
CW102	Cue Applied Robotics Curriculum Guide \$142.95
CW613	Cue Robotics Curriculum Student Notebook 24pc \$423.95
CW071	Cue Applied Robotics Curriculum – Game Design \$18.95
CW081	Cue Applied Robotics Curriculum – Innovation \$18.95
DW021	Dash & Dot K-5 Getting Started Guide \$175.95







Bee-Bot Class Pack 1 – Numeracy & Literacy

This class pack is a great cross-curricular resource to integrate Digital Technologies with Numeracy and Literacy and teach program and control to the young ones. Each kit includes 6 Bee-Bots, 1 MTA Robotics Shape colour & Size Mat (TEB6228), 1 MTA Robotics Alphabet Mat (TEB6223), 1 Bee-bot Fairytale mat (TTSB033), 1 MTA Robotics Early number Mat (TTSB018) and 1 MTA Robotics Upper & Lowercase Mat (TEB6256). Available with the Original Bee-Bot or the Rechargeable Bee-Bot.

TTSB001-KIT1 TTSB0363-KIT1

Charge &

store up to 6

Blue-Bots!

with Original Bee-Bots \$802.95 with Rechargeable Bee-Bots \$1,022.95



Blue-Bot – Set of 6 Robots & Docking Station 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

TTSB485K6 x Blue-Bot + Docking Station\$1,429.95TTSB0358Docking station only\$104.95

Blue-Bot - Set of 10 & 10-Port Charger

This Bluetooth robot can be controlled using a tablet or PC/Mac whereby you create your program on screen, send it remotely and see Blue-Bot perform your program right before your very eyes! Or just use the buttons at the top for screen-free coding. This kit consists of 10 Blue-Bots and one 10-port charger to charge the Blue-Bots when not in use.

TTSB485-10K

Set of 10 \$2,419.95

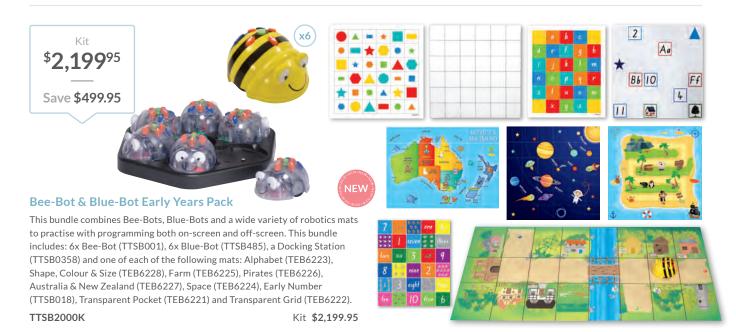
With Rechargeable

Bee-Bots

Save \$201.50

\$1.02

795





Robotics – Sphero

Store and charge up to 15 Sphero BOLT robots at the same time!

BOLT



Sphero BOLT Edu Power Pack 15-Pack

The new Sphero BOLT comes with a colourful and animated 8x8 LED matrix which is fully programmable. Programmable sensors include infrared, compass, light, gyroscope, accelerometer and motor encoders. The Power Pack lets you charge, store and carry 15 BOLT robots. This bundle includes 15 BOLT robots and the power pack, as well as 15 maze tapes and protractors, and 15 clear turbo covers.

MG002-15P

Set of 15 \$4,999.95





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



Robotics - KUBO, Mabot & Ozobot



KUBO Coding Class Kit

KUBO is the new screen-free coding solution for primary education. It is the new TagTile robot, which unique system doesn't require any software, prior knowledge and take no time to setup. Simply use the Route TagTiles to lay down a route for KUBO to follow, or create a function with the Function Tiles. KUBO will first drive over the function, remembers the sequence and will repeat the sequence of instructions to execute the demands. This bundle includes 10 KUBO Core Sets (KB1030), and three each of the Coding+ (KB1012) and Coding++ (KB1013) sets. Suitable for years K to 5.

KB1030K	Kit \$3,959.95
KB1030	KUBO Coding Core Set \$384.95
KB1012	KUBO Coding+ Set \$98.95
KB1013	KUBO Coding++ Set \$98.95



Mabot is a plug-and-play modular robotics platform for endless combinations and possibilities. Mabot integrates complex functions into quality ball modules, so students can just plug, program and play. The Mabot IDE app based on Scratch will walk students through coding basics. This bundles includes 6x Starter Kit (BM1005), 1x Pro Kit (BM1008) and 1x Control Ball (BM0001). The full set includes the following modules: 8x Control, x Battery, 27x 6-port connection, 16x drive, 8x colour sensor, 2x touch sensor, 2x infrared sensor, 6x 3-port connection, 4 swing joints, 4 rotation joints and 1 clipper.

BM1008K	Kit \$2,639.95
BM1005	Mabot Starter Kit – 7 Modules \$241.95
BM1008	Mabot Pro Kit - 42 Modules \$1,319.95
BM0001	Mabot – Control Ball \$87.95



Ozobot Bit 2.0 Classroom Kit

The Ozobot Bit includes optical sensors for detecting lines and colour codes and has LED lights and rechargeable battery. Program your Ozobot Bit by creating colour codes for Bit to follow. This classroom kit includes: 18x Ozobots Bit 2.0, 18x Ozobot DIY Skins, 18x Ozobot Colour Markers 4 Pack, 18x Ozocode Sheets, 1x Teachers Guide, 3x 6 Port USB Chargers, 1x Storage Box.

OZ002CK

Set of 18 \$2,639.95



Ozobot Evo Classroom Kit

Ozobot EVO is the award-winning smart miniature robot the bridges the digital and physical world through coding, creative play and gaming activities. Can be used with on-screen and off-screen programming. The EVO has proximity sensors, 7 programmable LEDs, built-in speaker, optical sensors and rechargeable battery. Includes 12 Ozobot EVO's, a 10-Port USB charger, 60 robot markers in 4 colours, and a storage container.

OZ001CK

Set of 12 \$2,639.95

Robotics - DFRobot & Kai's Clan





maQueen Robot Class Kit

MaQueen is a tiny robot with a big personality. MaQueen uses micro:bit to perform many different activities. It includes sensors that support light, object, sound and even wireless signal interaction. It includes 2 infrared grayscale sensors, 1 buzzer, 1 infrared receiver, 2 LED lights, 4 RGP ambient lights, 1 ultrasonic interface, 1 IIC interface, 2 gravity extension interfaces and 2 gear motors. Each set includes 12x MaQueen, with the option to also include 12 micro:bits.

DFR148-12 DFR148-12M Set of 12 without micro:bit **\$769.95** Set of 12 with micro:bit **\$1,099.95**

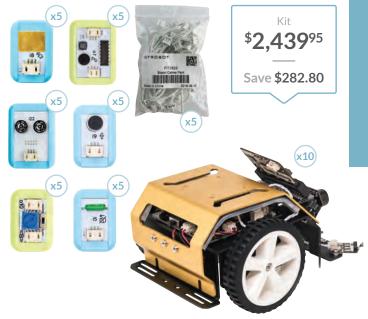




DFRobot Max:Bot & Boson Class Kit

Max:Bot is a micro:bit compatible robot, suitable for ages 10-16. It combines coding with engineering and is accompanied with detailed course material. The Max:Bot is also compatible with the Boson sensors, to expand your robot with even more input and output modules. This class set includes 10x Max:Bot (DFR147), and 5 each of the following Boson modules: Voice Recorder (DFR022), Servo (DFR025), Sound (DFR009), Touch (DFR008), Tilt (DFR005), Ultrasonic (DFR045) and 5 cable packs (DFR525).

DFR147K	Kit \$2	,439.95
DFR147	MaxBot \$	\$186.95
DFR022	Boson – Voice Recorder Module – Output	\$21.95
DFR025	Boson – Servo Module – Output	\$24.95
DFR009	Boson – Sound Sensor – Input	\$12.95
DFR008	Boson – Touch Sensor – Input	\$12.95
DFR005	Boson – Tilt Sensor – Input	\$12.95
DFR045	Boson – Ultrasonic Sensor – Input	\$65.95
DFR525	Boson cable pack - 5cmx10 - 10cmx10 - 20cmx10	\$18.95







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Grove Inventor Kit & MicroBit - Set of 10

Grove is a modulated, ready-to-use tool set. It takes a building block approach to assembling electronics. It consists of a base shield and a wide variety of input and output modules. The Grove Inventor Kit brings endless possibilities to your micro:bit. The Grove shield makes is easy to connect your micro:bit to all of the grove components, including sensors, displays and actuators. This kit includes 10 Grove Inventor Kits and 10 micro:bits. Each kit includes the following modules: Grove shield, rotary angle sensor, speaker, ultrasonic ranger, light sensor, waterproof LED, 1m LED strip, gesture, 4-digit display, red LED, USB cable, projects manual.

GRV0762-10K	10 Inventor Kits & 10 micro:bits \$1,275.95
GRV0762	Grove Inventor Kit \$120.95
ELE8765	micro:bit Go \$32.95



GRV1121K-M \$**229**⁸⁵ Save \$25.05 The Grove Physics Modules Kit allows you to perform physics activities and experiment with topics like forces and motion, light and sounds, vibration and much more. The kit requires the use of micro:bit. Kit is available with or without micro:bit included. For more information about the individual Kit without micro:bit \$197.95



GRV1121K

seeed

Grove - Physics Modules Kit

modules, please refer to our website.



Boson Start Kit incl micro:Bit - Set of 10

Boson is a set of modular electronic building blocks designed for young inventors and STEAM teachers, to provide a visual way to make maths and science subjects fun in the classroom. The colour-coded modules make it easier to identify input and output modules. The Boson Starter Kit allows you to combine the Boson modules with your micro:bit for endless projects. This bundle includes 10 Boson Starter Kits and 10 micro:bits. Each kit consist of the following modules: expansion board, push button, LED light, rotation, sound and motion sensor, fan, mini servo, LED strip and cables.

DFR086-10K	Set of 10 \$1,389.95
ELE8764	Micro:Bit \$28.95
DFR086	Boson Start Kit for microbit \$120.95



Kit with micro:bit \$229.85

Circuitry – Makey Makey, Arduino & Kitronik

STEM PRCK

Perfect for classrooms, workshops and Makerspaces!



Makey Makey STEM Pack - Classroom Invent Kit

Makey Makey is the ultimate STEAM invention kit that works through opening and closing circuits. Turn everyday objects into touchpads and combine them with the internet. Connect the circuit board via alligator clips to anything and everything that conducts electricity to create a circuit. Connect the circuit board to your laptop or PC and let the connected conductive materials take over your computer! The STEM Pack includes 12 Makey Makey's, 84 alligator clips, 12 connector wires, 144 Connector wires for the back, and 12 Makey Makey optimised conductive 6B pencils.

\$1,319.95







MKK003

Arduino Edu – CTC 101

Arduino Education is focused on developing the next generation of STEAM systems and supporting the needs of educators and students in a hands-on, constructive way. The modular CTC 101 STEAM program consists of a toolbox with over 25 cross-curricular projects and experiments, an online platform and guided educators support. The set is suitable for 30 students. The 5 themed modules introduce students to programming and coding, serial and wireless communication, robotics, power systems, motors, actuators, analogue and digital systems and advanced sensors.

ARD0101

\$3,629.95

\$274.95

Traffic Control Kit incl micro:bits

The traffic control kit allows you to create your own control centre for your town. Set up traffic lights, street lights and access barriers and use micro:bit to control each of them individually. The kit includes 2 STOP:bits ELE1717), 2 LAMP:bits (ELE1718), 2 ACCESS:bits (ELE1719) and 6 micro:bit Go's (ELE8765) to power and code each of the accessories.

ELE1717K





Drones & Virtual Reality





Tello EDU Drone Class Pack

The Tello EDU drone is an impressive and programmable drone perfect for education. Program the drone with Scratch, Python or Swift, or use the Tello EDU app. It also supports Electronic Image Stabilisation, let multiple drones fly in a swam with amazing AI functions. This bundle includes: 10x Tello EDU drones (EE0100), 10x Protective guards (EE0010), 3 each of the blue, yellow and white top covers (EE0004-EE0005-EE0006), 20 Spare batteries (EE0001) and 10 Charging hubs (EE0009), 10 safety glasses (SER1237039) and 12 connecting hoops (BRU042) to create an obstacle course for the drones.

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EE0100-K	Kit \$3,749.95
EE0100	Ryze Tello Education Drone \$230.95
EE0010	Ryze Tello – Cynova Propeller Guard for Tello \$30.95
EE0004	RYZE Tello – Snap On Top Cover – Blue \$15.95
EE0005	RYZE Tello – Snap On Top Cover – Yellow \$15.95
EE0006	RYZE Tello – Snap On Top Cover – White \$15.95
EE0001	RYZE Tello – Spare Battery \$29.95
EE0009	Ryze Tello – Battery Charging Hub \$27.95
BRU042	Agility Hoops – 12 Connecting \$103.95
SER1237039	Safety Glasses – Adjustable \$3.40





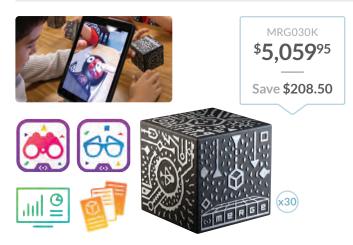
CLASSVR ClassVR Starter Kit

Please note: the purchase of the ClassVR Portal access (CVR500 or CRV499) is required and not included.

ClassVR is a complete VR and AR system for the classroom. It provides an engaging, immersive experience and allows students to view and understand subjects and topics through personal experience. The use of VR in the classroom dramatically increases the ability to understand and retain information. The ClassVR portal contains a wealth of content, allows student tracking, and lets you upload your own content. This bundle consists of 2x 8 goggles (CVR008), access to the ClassVR portal for up to 499 students (CVR499), 16 Merge cubes (MRG01) and the Insta360 ONE X camera (EE1X).

CVR1000K	Kit \$11,939.95
CVR008	ClassVR Classroom – Set of 8 \$5,059.95
CVR499	ClassVR Portal up to 500 Students \$692.95
MRG01	Merge Holographic Cube \$28.95
EE1X	Insta360 ONE X - 360 Degree Camera \$699.95





MERGE'

Merge Lab AR Experience Pack – Unlimited Licenses

The Merge EDU platform is an active-learning platform that provides AR tools, VR learning experiences, a wealth of content and immersive lesson activities designed for the award-winning Merge Cube. The platform includes: full access to the Merge Explorer and Object Viewer apps, a wide range of lesson activities ranging from 15 min to a full class length, and the teacher dashboard to track students' progress. This bundle includes the Lab EDU Portal, with access for unlimited students, and 30 Merge Cubes (MRG01).

MRG030K

Unlimited Licenses & 30 Cubes \$5,059.95

Kit \$11.939⁹⁵

Save \$36.05

Film Making & Podcasting Equipment



Getting Started with Filmmaking

This Getting Started with Filmmaking Kit is the perfect entry kit for filmmaking activities. Filmmaking is a fun and engaging classroom activity and great for STEM projects. This kit includes:

- iOgrapher Case for iPad Pro 9.7" 5th & 6th Generation (DNS002)
- RØDE VideoMicro microphone (DNS004)
- Manfrotto Lumie 6 LED Light (DNS010)
- 37mm 12X Telephoto Lens for iOgrapher (DNS013)
- Tripod (DNS009)
- Portable Green Screen (AX1502)

WWFILMKIT

*Please note: iPad® is not included.



- 1x Manfrotto Lumie 6 LED light(DNS010)

The kits are available for three sizes iPads, and with or without green screen.

The kits are availe	she for three sizes in dus, the with or without green server.	
DNS003K	iPad Pro 9.7" - Kit including Green Screen \$1,512.45	
DNS001K	iPad Pro 9.7" - Kit without Green Screen \$1,220.95	
DNS016K-G ©	iPad Pro 10.5" - Kit including Green Screen \$1,509.95	
DNS016K 🗢	iPad Pro 10.5" - Kit without Green Screen \$1,219.95	
DNS015K-G 👳	iPad Mini 4 - Kit including Green Screen \$1,509.95	
DNS015K 🗢	iPad Mini 4 – Kit without Green Screen \$1,219.95	
*DI:D		

*Please note: iPad® is not included



RØDE PodCaster Pro & PodMic Starter Kit

This RØDE PodCaster Pro kit includes everything you need to produce high-quality interviews, podcasts, recordings, or any other school project that requires you to record audio. The Complete set (DNS019K) includes: 1x RØDE PodCaster Pro (DNS017), 4x PodMic (DNS018), 4x Boom Arms (DNS019), 4x Balance Cables (DNS021) and 4 Headphones (MOK011).

DNS018K

Starter Kit **\$1,979.95** D

Kit \$1,099.95

\$3,291.55 \$3,01835 Save \$273.20

RØDE PodCaster Pro & PodMic Complete Set

This RØDE PodCaster Pro kit includes everything you need to produce highquality interviews, podcasts, recordings, or any other school project that requires you to record audio. This Complete set includes: 1x RØDE PodCaster Pro (DNS017), 4x PodMic (DNS018), 4x Boom Arms (DNS019), 4x Balance Cables (DNS021) and 4 Headphones (MOK011).

DNS019K

Complete Set \$3,018.35









3D Printer with Cart and Filament

This 3D Printer with Cart and Filaments kit is an ideal kit to set your classroom or makerspace up for 3D printing and model making. The kit includes the FlashForge Inventor II 3D Printer (ZF8477), a 3D printer cart (CRN5001) to easily move the printer around from one room to another, and one of each of the following filaments (each 500g): orange, red, green, black, transparent, blue and white (colours may vary).

WW3DPRINTPK

NEW

Kit **\$1,979.95**



FlashForge 3D Printing School Pack

3D Printers in the classroom are becoming more and more popular. Due to the printing time of each project, we recommend having multiple printers running at the same time. This kit includes: 10x FlashForge Inventor IIS (ZZ84775 - printing volume $15 \times 14 \times 14$ cm), 1x FlashForge Dreamer (ZZ2589 - printing volume $23 \times 15 \times 14$ cm for larger projects) and one of each of the filaments: red, orange, green, black, transparent, blue and white.

ZF8477SK	Kit \$13,969.95
ZF8477S	FlashForge Inventor IIS – 3D Printer \$1,209.95
ZF2589	FlashForge – Dreamer 3D Printer \$1,979.95
ZF2629	FlashForge PLA Filament – Orange \$32.95
ZF2625	FlashForge PLA Filament – Red \$32.95
ZF2624	FlashForge PLA Filament – Green \$32.95
ZF2623	FlashForge PLA Filament – Black \$32.95
ZF2622	FlashForge PLA Filament – Transparent \$32.95
ZF2607	FlashForge PLA Filament – Blue \$32.95
ZF2608	FlashForge PLA Filament – White \$32.95





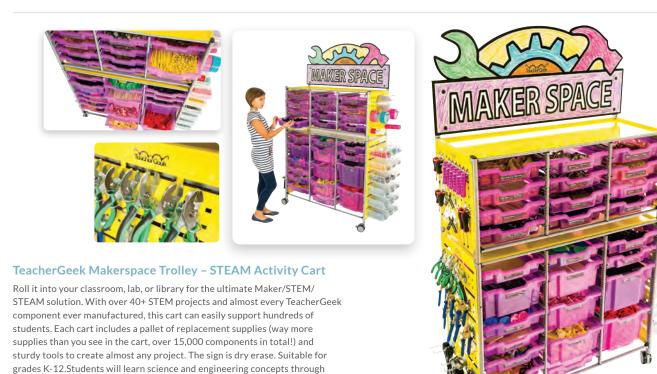
Education

The Cool Tool - Wood Working Class Kit

This The Cool Tool Wood Working kit consists of 4x Playmat Workshop (TCT9012), 10 replacement jigsaw blades (TCT2250), a set of 24 wooden dowels (TCT3120) and a set of 15 balsa wood pieces (DC51629). The Playmat is suitable for woodworking activities for students of ages 4 and up. Each set can build 4 real working woodworking machines: Drill-press, wood lathe, jigsaw and sanding machine.

TCT9012K	Kit \$879.95
TCT9012	Playmat – 4in1 Woodworking Workshop \$219.95
TCT3120	Assorted Wooden Dowels incl Centerhole - 17pc \$34.95
DC51629	Balsa Wood 15pc \$24.95
TCT2250	Jig saw blades 10 pc \$11.95

Digital Technologies



TGK6682

experimentation, grow their understanding and evolve projects through the design & engineering process. The TeacherGeek Maker Cart provides ample

opportunities for amazing true STEM projects.

\$10,999.99



MS200K

Kit \$714.95



19

Makerspace Kits



TeacherGeek – Easy Engineering Tool Set

The single set includes one of each: multi cutters, reamer, pliers, tapping block, mini hammer and screwdriver. The class set includes 6 each of the multi cutters, reamer, pliers and screwdriver, and 3 each of the mini hammer and tapping blocks.

SER1823-84 SER1823-85 Set of 6 **\$91.95** Set of 30 **\$439.95**



TeacherGeek – Electric Air Racer

Send this racer flying with an electric motor and propeller. Design it for speed by designing the frame and propeller blades. This activity requires materials from the recycling bin to create the propeller blades. Learn about electricity, blade angle, and propeller design, apply the scientific method and innovate (design, build and evolve your own unique design).

SER1824-66 SER1824-76 Set of 10 **\$142.95** Each **\$19.95**

TeacherGeek - Wiggle Bot

Wiggle-Bots are motorized contraptions that are designed and built entirely by students. Watch eyes widen as wires are connected and Wiggle-Bots start to move. See how understanding and design evolves through experimentation and tinkering. Appreciate the challenge of going

beyond step by step instructions and creating something completely new and innovative. The Wiggle Bot includes a battery holder, motor with leads, gears, dowels, and motor mount. The Wiggle Bot Super includes the same resources, plus an additional hole plate, steal wire, connector strips, and screws and nuts.

SER1824-56 SER1823-16 SER1824-57 SER1823-17 Super – Pack of 10 **\$219.95** Super – Each **\$29.95** Standard – Pack of 10 **\$175.95** Standard – Each **\$26.95**





TeacherGeek Accessories - Mixed Gear SetSER1823-28Set of 40 \$38.95

Motors - Pack of 20

The large motors are 3-6V, the small motors are 1.5-3V.

SER1823-70	Large \$61.95
SER1823-75	Small \$54.95

TeacherGeek - Rubber Band Racer Advanced

Design and engineer a vehicle that is propelled by the energy stored in rubber bands. Make it go for distance, or stop with precision. Design it to go fast, or cross a difficult terrain. Rubber band racers can be easily redesigned/ reconfigured, so every day you can have a different challenge. Learn by experiencing potential and kinetic energy, simple machines, friction, elasticity and ratios. Learn how friction can help, and hurt your racer.

SER1822-95 SER1822-96 Each **\$29.95** Pack of 10 **\$241.95**



Digital Cameras, Recorders & Headphones



HUE HD Pro camera & Software

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

HUE002

\$212.95

Contemporary new design and enhanced image quality meets reliable simplicity.

Luna 2.0 - Document Camera

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

LER4427

\$299.95

Insta360 ONE X - 360 Degree Camera

With the Insta360 OneX you can shoot in every direction at once, capturing moments in 360-degree videos and photos. This camera is ideal for virtual reality lessons, to create your own virtual environment. FlowState stabilisation lets you capture hypnotically smooth video, and outperforms leading smartphone gimbals. Since it doesn't require any accessories, you can use it anywhere with zero hassle. Please note - the Insta360 OneX requires an SD cart (not included). EE1X \$699.95



Nero Headphones

Moki Nero Headphones deliver an outstanding sound that covers all audible frequencies. With super soft ear cups and adjustable headband, Nero headphones hold with very little ear pressure. The single sided removable cable reduces tangles. The cable includes in-line mic and single button control. Suitable for use with all 3.5 mm audio device.



MOK011

\$57.95



Wireless Bluetooth Headphones

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

LIGKIT1	Set of 4 \$379.95
LIG001	Blue \$103.95
LIG002	Pink \$103.95
LIG003	Green \$103.95
LIG004	Purple \$103.95





Coding Games & Animation Software





Osmo

OSMO Classroom Kit – Genius Edition

The Classroom Kit is the premium kit for educators to use Osmo in classrooms. Classroom Kit includes 4 stations, efficient tile storage cases, washable plastic tiles, upper and lowercase letters,

modular stacking bins, and more! The set includes 4 bases, 4 sets of the Tangrams, Words and Numbers Games, and also can be used for the Masterpiece and Newton games.

– Teaches maths, art, spelling, critical thinking, creative problem solving and much more

- From phonics to photosynthesis, Osmo lesson plans can be easily integrated into any classroom

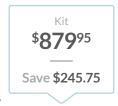
– Let provided lesson plans inspire your next exciting classroom, or customise own your lessons and Word albums in MyOsmo

- Inspires creativity, critical thinking, communication and collaboration
- Easy to install, introduce, oversee, and pack away without professional development training.

MG300

Kit **\$747.95**

Hue Animation Software Kit & Craft Set Tell your story with stop-motion vide



Tell your story with stop-motion videos made using HUE Animation Software for your Mac or PC,

which was built specifically for educators and students. This bundles includes 5x HUE Animation Studio kit which includes both a license to the software and a HUE Camera (HUEKIT1), and craft material to create mini figures, characters, and other objects you want to use in your videos (skin tone dough - set of 6 colours (CS2901), set of 6 assorted colours dough (CS2056), assorted joggle eyes (TH420), coloured paddle pop sticks (CL2328), feathers (CL2760), pom poms (CL3431) and coloured tissue paper (ME90).

HUEKIT-5	Kit \$879.95
HUEKIT1	HUE Animation Studio Kit - Software & Camera \$208.95
CS2901	Creatistics Skin Tone Dough - 900g \$11.95
CS2056	Creatistics Dough – Assorted 900g Tub \$11.95
TH420	Assorted Coloured Joggle Eyes – Pack of 450 \$18.95
CL2328	Paddle Pop Sticks Coloured – Pack of 1000 \$14.95
CL2670	Feathers Short – Pack of 50 \$5.70
CL3431	Pom Poms 2cm – Pack of 100 \$4.50
ME90	Coloured Tissue Paper – Pack of 100 \$12.95



aching.co.nz 🛷 Freecall 0800 808 044

Charging Solutions





Charging Cabinet - 16 Tablets

Charge, store and secure up to 16 tablets at the same time! The maximum device size is a 10.5" screen. The LED status indicators show the charging status for each zone. A student-safe cabinet, with smooth, rounded corners and edges. The sturdy steel construction ensures secure storage. Both front and back doors can be opened and locked. The back door allows easy setup of cable management. The smart cable management includes repositionable cable clips. The sturdy steel structure ensures secure storage. Size: 66(w) x 49(d) x 41(h)cm, weight is 28kg.

Key Features:

- Charge up to 16 iPads and tablets at the same time!
- Small footprint of cabinet allows you to place the cabinet
- at most places in the classroom
- Smart cable management
- Lockable front and back doors for easy access
- LED indicators to view charging status

MC016

\$989.95



Charging Cabinet - 32 Laptops & iPads/Tablets

Charge, secure and store up to 32 devices with a size of up to 11.6"! This charging cabinet is the ideal charging trolley for classrooms using laptop and Chromebooks, with the capacity to charge all devices in one go! The trolley comes with locking system and smart cable management. With LED status indicators to show the charging status of each zone. A student-safe cabinet, with smooth, rounded corners and edges. The sturdy steel construction ensures secure storage. Both front and back doors can be opened and locked. The back door allows easy setup of cable management. The cabinet comes with four 8-way power boards to plug in the chargers of the devices. The compact design has a smaller footprint than most cabinets with this charging capacity. With quiet sturdy casters. Size: 73(w) x 59 (d) x 91 (h)cm, weight is 62kg.

Kev Features:

- Smart cable management Securely lock and keep cables in place with clip-in dividers
- Customisable slot dividers Charge laptops, Chromebooks or tablets up to 11.6" with the adjustable slot dividers
- Smooth slide-out shelves Pull-out shelves make accessing and removing devices quick and easy for classrooms
- Intelligent charging Power additional classroom tools such as a document camera or laptop with two additional power points on the outside of the cabinet, while charging classroom devices. With auto-off system, you can turn off charging after 8 hours, or turn off auto-off for uninterrupted charging

MC032

\$1.429.95



5-Port USB Charging Dock Station

- USB AC Charger with 5 ports (5x 2.4A)

- Output power socket x 2 (total 800W)

- Output: DC 5V 2.4A*5 (total 60W)

- Input: AC 100-240V, 1.5A (Total 8A), 50/60H

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

LVS052

Specifications:

- Size: 15.8 x 12.9 x 9vm

\$109.95

Specifications:

LVS120

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



120W 10 Port USB charger

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

\$120.95

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





Digital Technologies

2020



Digital Technologies School Solution

The ultimate bundle of digital technologies resources for the entire school. This kit covers a wide range of topics, from robotics and circuitry to makerspaces, 3D printing, filmmaking and podcasting, and AR/VR.

DIGI-KIT1

Kit \$39,799.95

FREE freight over \$199* Fast Shipping – 5 to 7 working days

- 2x RØDE Balanced XLR cable 5m
- 2x RØDE 3.5mm to 1/4"" stereo jack
- headphone connect
- 2x Nero Headphones

Prices exclude GST

- 4x Transparent Grid Mat

MTNT320DIG

teaching.co.nz P 0800 808 044 F 0800 682 329

*Conditions apply, see website for details