



DELTA
EDUCATIONAL

ASSISTING NEW ZEALAND EDUCATORS

CATALOGUE

JANUARY 2015

INTEGRITY, QUALITY,
COST COMPETITIVE SOLUTIONS



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CHROMEBOOK

} Pg **9**



TOUCHIT
INTERACTIVE
LED DISPLAYS

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PORTABLE
SOUND
SYSTEM

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REMEMBER

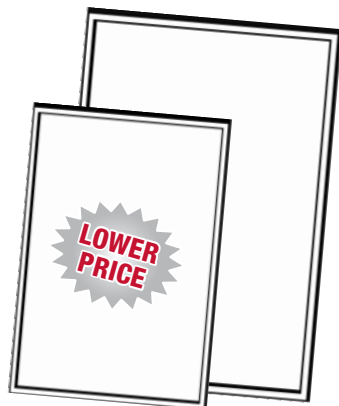
If you don't see what you need in our catalogue we can probably get it or make it for you. Just give us a call and we'll find the product especially for you.

- ALL OUR PRICES EXCLUDE G.S.T.
- PRICES HEREIN ARE SUBJECT TO CHANGE WITHOUT NOTIFICATION
- FREIGHT CHARGES APPLY

PORCELAIN ON STEEL WHITEBOARDS & DELTA GLARE-FREE BOARDS

Magnetic Receptive

Top quality board - the most scratch resistant - permanent marker ink is removable. Supplied with aluminium frame as standard. Will not discolour and is resistant to acids. Double sided boards have pivot brackets as an optional extra. Supplied complete with wall fixing brackets.



SINGLE SIDED

Cat. No.	Size	WAS	NOW
12PC96	900 x 600	\$ 108.00	\$ 90.00
12PC129	1200 x 900	\$ 166.00	\$ 155.00
12PC1212	1200 x 1200	\$ 172.00	\$ 165.00
12PC1512	1500 x 1200	\$ 275.00	\$ 240.00
12PC1812	1800 x 1200	\$ 288.00	\$ 260.00
12PC1224	2400 x 1200	\$ 382.00	\$ 350.00
12PC3612	3600 x 1200	\$ 560.00	\$ 520.00

OTHER SIZES ARE AVAILABLE

ACRYLIC WHITEBOARDS

High quality Witax Acrylic Magnetic Receptive whiteboards, almost as durable as porcelain on steel.



Cat. No.	Size	WAS	NOW
12AW46	400 x 600	\$ 36.75	\$ 34.00
12AW57	500 x 700	\$ 48.00	\$ 45.00
12AW96	900 x 600	\$ 61.50	\$ 57.00
12AW912	900 x 1200	\$ 98.80	\$ 95.00
12AW1212	1200 x 1200	\$ 145.35	\$ 138.00
12AW1215	1200 x 1500	\$ 195.00	\$ 184.00
12AW1218	1200 x 1800	\$ 233.85	\$ 225.00
12AW1224	1200 x 2400	\$ 294.00	\$ 279.00
12AW1236	1200 x 3600	\$ 470.85	\$ 434.00

PORCELAIN ON STEEL MOBILE WHITEBOARDS DOUBLE SIDED

Double sided porcelain on steel, with strong metal frame on castors, gives mobility for large size white boards, and double the writing space.



Cat No.	Size	WAS	NOW
12PB912	900 x 1200	\$ 490.00	\$ 458.00
12PB1212	1200 x 1200	\$ 610.00	\$ 565.00
12PB1215	1200 x 1500	\$ 679.00	\$ 662.00
12PB1218	1200 x 1800	\$ 737.00	\$ 715.00

Can be laser-etched, one or both sides.

DOUBLE SIDED PORCELAIN ON STEEL WHITEBOARD

1200 X 800mm	These are standard sizes only, custom sizes available on request
1200 x 1200mm	
1500 x 1200mm	
1800 x 1200mm	
2400 x 1200mm	

Price on application

Also Available

- Counter Balanced Units
- Counter Weighted Units
- Sliding Rail Units
- Notice Board Cabinets (Lockable)
- Opening display boards and relocatable screens
- Autex Wall Coverings

ACRYLIC MOBILE MAGNETIC WHITEBOARD DOUBLE SIDED



Cat. No.	Size	PRICE
12M0912	900 x 1200	\$ 335.00
12M1212	1200 x 1200	\$ 383.00
12M1215	1200 x 1500	\$ 420.00
12M1218	1200 x 1800	\$ 455.00

Can be laser-etched, one or both sides.

PORTABLE ACRYLIC WHITEBOARD / FLIP CHART

1000 X 700 mm, Height adjustable tripod easel.

Cat.No. 12FC609 **PRICE \$215.00**



MOBILE ACRYLIC WHITEBOARD / FLIP CHART

1000 X 700 mm, Height adjustable 1740 - 2100mm.

Cat.No. 12FC0710 **PRICE \$292.00**

Replacement flip chart pad 880 x 560mm.

Cat.No. 12FC30 **PRICE \$12.60**



LASER ETCHED BOARDS

TERM PLANNERS

WK	MON	TUE	WED	THUR	FRI
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					

NOTES:

1 TERM PLANNER

Laser etched

Size: 900 x 1200

Cat. No. 12STP912

PRICE \$ 339.95

WK	MON	TUE	WED	THUR	FRI
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					

4 TERM PLANNER

Laser etched

Size: 2400 x 1200

Cat. No. 12STP1224

~~WAS \$775.00~~

NOW \$ 695.00



LASERGRID WHITEBOARD ETCHING FACILITY

Delta offers a specialised facility which is unique in New Zealand and provides for the permanent etching of information of all types onto your porcelain whiteboard. Unlike other processes where gridding tape and painted lines are used, etching will not disappear over time and cannot be removed.

Example:

- STAFF INDICATOR BOARDS
- YEAR PLANNERS
- SCHOOL TERM PLANNERS
- MUSIC BOARDS
- MAPS Etc

LET US KNOW WHAT YOU WANT AND WE WILL CUSTOM MAKE IT FOR YOU.

PINBOARD ALUMINIUM FRAME (GREY)



Cat. No.	Size	PRICE
12609G	900 x 600mm	\$60.00
12912G	900 x 1200mm	\$89.00
1212G	1200 x 1200mm	\$111.00
1218G	1200 x 1800mm	\$162.00
1224G	1200 x 2400mm	\$198.00

CUSTOM GRIDDED WHITEBOARD

600 x 900mm

900 x 900mm

1200 x 1200mm

1200 x 1500mm

1200 x 1800mm

1200 x 2400mm



These are Standard Sizes Only
Custom Sizes available on request

Price on Application

HAND WRITING BOARD



- One side 20mm line with dotted lower- case guidelines, other side plain.
- This board is perfect for young children learning to form letters.
- Size: 300 x 217mm.
- Complete with marker pen.

Cat No. 12HWB

PRICE \$ 6.00

BLACKBOARD AND WHITEBOARD TOOLS

SNOWMAN WHITEBOARD MARKER

Try our new snowman marker, quality pens available in either bullet and chisel tip. colours: Black, Blue, Red, Green.

Cat. No. 12WPEN

PRICE \$ 1.20 Each
(sold in packs of 12)



MAGNETIC WHITEBOARD RULE

- A professional looking ruler (1000 x 60 x 10mm) with magnetic backing for whiteboard use.
- Holds the ruler against the whiteboard while ruling lines.
- Puts the ruler within easy reach during teaching.
- Puts the whiteboard ruler out of reach of young children.
- A different layout than normal. Centimetres are printed on the top of the ruler and millimetres are printed on the bottom so children can see that 2cm is the same as 20mm.

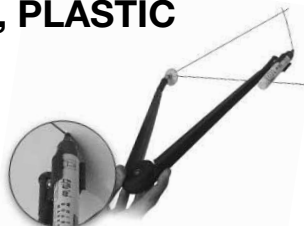


Cat. No. 01BWR1

WAS \$ 31.50
NOW \$ 26.00

LOWER
PRICE

BLACKBOARD & WHITEBOARD COMPASS, PLASTIC



Cat. No. 01HC1

PRICE \$28.60

BLACKBOARD DUSTER



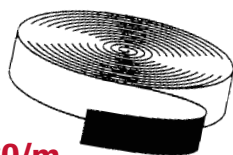
Cat. No. 12BBD1

PRICE \$ 2.95

MAGNETIC STRIP ADHESIVE BACKED

13mm wide. 1 metre roll.

Such a useful product. Ideal for adding to items you want to use on a whiteboard, eg charts, posters, maps etc.

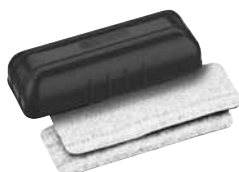


Cat.No. 02MS

PRICE \$3.60/m

MAGNETIC WHITEBOARD ERASER

Refills Available

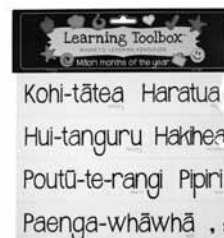
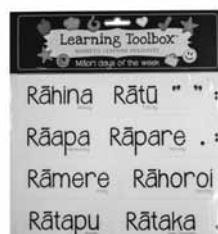


Cat. No. 12QTMA

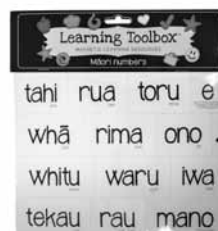
PRICE \$ 13.70

MAGNETIC LEARNING RESOURCES

Designed to support the teaching of the Maori language. Easy to use 5cm high magnetic tiles ideal for the whiteboard, each with English Translation.



NEW
Product



- Magnetic maori months of the week
- Magnetic maori days of the week
- Magnetic maori numbers
- Magnetic maori colours

Cat. No. 25MMM

Cat. No. 25MMD

Cat. No. 25MMN

Cat. No. 25MMC

PRICE \$ 4.80

WASHABLE WHITEBOARD DUSTER



Cat. No. 12WE200

PRICE \$ 8.40

WHITEBOARD CLEANER

237ml Bottle



Cat. No. 12WC200

PRICE \$ 7.20

STATIONERY

RAPID 13 PLASTIC TACKER

- Ergonomic, light staple gun tacker
- Made of strong impact-resistant ASB plastic
- Takes 13/4-6-8-10mm fine wire staples



Cat. No. 03RT13 **PRICE \$47.00**

WALL CLOCK WITH SILENT SWEEPING SECOND HAND

Round plastic wall clock with 250mm glass face. The second hand does not 'tick' but moves in a silent steady sweeping motion around the clock, **perfect for exams!**



Suitable for schools, corporate environment and home office.

AA battery supplied, ready to go.

Silent sweeping second hand

Cat. No. 04WC8G **PRICE \$15.90**

WALL CLOCK - EASY TO READ

210mm dia. with quartz movement.

Large black numbers, black hands and sweep second hand.

Size AA battery operation.

12 month warranty.



Cat.No. 04WC7 **PRICE \$11.60**

HOLE PUNCHES

Quality 2-hole punches. Strong metal construction with handle and base in reinforced ABS plastic for durability. Paper guide and centre mark for accurate hole positions. 5 year warranty.

Available in 3 sizes

Small (10 sheet)

Cat.No. 03FC10 **PRICE \$7.60**

Medium (20 sheet)

Cat.No. 03L22 **PRICE \$14.30**

Large (30 sheet)

Cat.No. 03C30 **PRICE \$23.00**



DESK STAPLER

Durable all metal construction, this full strip desktop stapler takes 26/6 or 24/6 staples, and has an adjustable anvil for stapling or pinning-can also be used for tacking. 1 year warranty.



Cat.No. 03R17 **PRICE \$12.40**

STAPLES

size: 26/6, pack of 5000

Cat. No. 03R2665

PRICE \$2.84

TAPE DISPENSER

Medium Tape Dispenser
33mmx19mm

Cat.No. 03TP2533 **PRICE \$6.00**



Large Tape Dispenser
66mmx24mm

Cat.No. 03TP2566 **PRICE \$9.90**

SINGLE HOLE ELECTRIC PENCIL SHARPENER

- For pencil up to 8mm Dia
- Auto pencil stop prevents over sharpening
- Main power only
- Perfect for office, school and home
- Heavy duty helical steel blade for fine sharp points
- Non skid rubber feet for added stability
- Large see through sharing tray.



Cat.No. 03LEDAL222

PRICE \$98.00

MEASURING TAPE

- Rubber black case
- Metric marking
- 3 rivet end hook



Cat. No

Size

PRICE

06389

3 Metre

\$ 3.90

06589

5 Metre

\$ 5.30

06889

8 Metre

\$ 7.50

061089

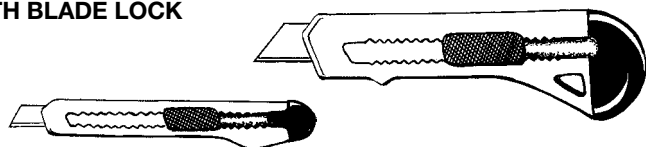
10 Metre

\$ 10.60

STATIONERY

SNAP-OFF BLADE CRAFT KNIVES

WITH BLADE LOCK



SMALL

Cat. No. 02CK1

	PRICE
Each	\$0.90c
20+	\$0.70c
50+	\$0.55c

SPARE SMALL BLADES

Cat. No. 02CK1B

Pack 10 **\$1.16**

LARGE

Cat. No. 02CK20

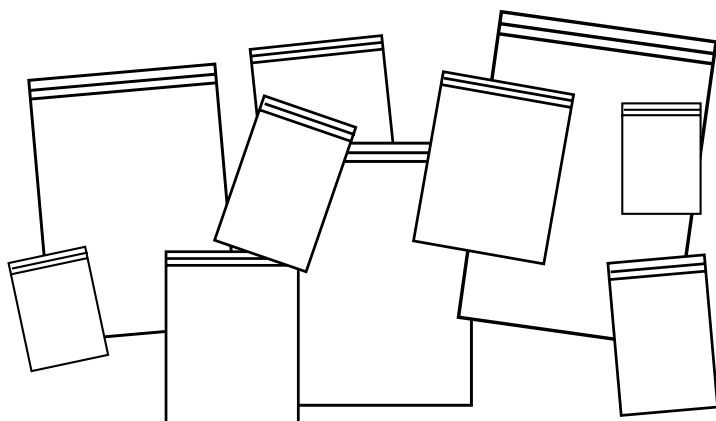
	PRICE
Each	\$1.35
10+	\$1.15
50+	\$0.90

SPARE LARGE BLADES

Cat. No. 02CK20B

Pack 10 **\$3.20**

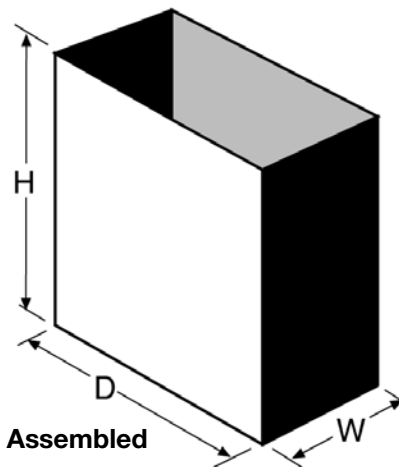
RESEALABLE PLASTIC BAGS



PRICES PER 50 PACK

Cat No	Sizes	1 Pack	4 Packs	10 Packs
03SS130	130 X 155	\$3.80	\$3.40	\$3.00
03SS155	155 X 230	\$4.40	\$3.90	\$3.50
03SS230	230 X 305 (A4)	\$6.70	\$6.30	\$5.90
03SS255	255 X 355 (F/S)	\$8.40	\$7.95	\$7.60
03SS305	255 X 305	\$8.00	\$7.20	\$6.80
03SS440	300 X 440	\$9.90	\$9.50	\$9.20

JOURNAL BOXES



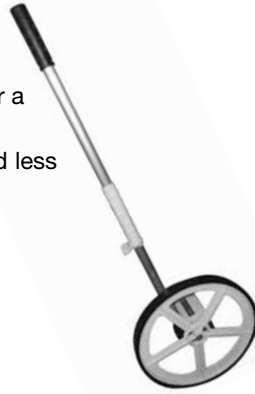
Supplied Fully Assembled

Cat. No.	Depth	Width	Height	PRICE
JBC1	280 x	170 x	170 mm	\$3.90ea
JBC2	240 x	64 x	152 mm	\$2.70ea
JBC3	230 x	140 x	203 mm	\$3.80ea
JBC4	216 x	64 x	152 mm	\$2.95ea
JBC5	192 x	102 x	178 mm	\$3.10ea
JBC6	178 x	89 x	140 mm	\$2.70ea
JBC7	152 x	64 x	100 mm	\$2.15ea
JBC9	320 x	80 x	150 mm	\$3.20ea
JBC10	152 x	102 x	127 mm	\$3.25ea
JBC11	203 x	127 x	178 mm	\$3.30ea
JBC12	229 x	102 x	178 mm	\$3.35ea
JBC13	229 x	76 x	152 mm	\$2.80ea
JBC14	254 x	127 x	152 mm	\$3.30ea
JBC15	200 x	50 x	100 mm	\$2.75ea
JBC17	279 x	152 x	178 mm	\$3.85ea
JBC18	305 x	152 x	229 mm	\$4.20ea
JBC19	297 x	190 x	152 mm	\$4.35ea

TRUNDLE WHEEL

Reliable and durable steel construction for outdoor use, measuring long distances over a variety of surfaces including rough terrain.

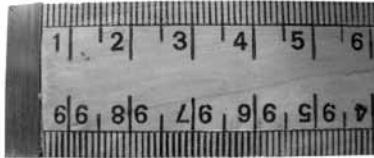
- Lightweight design for easy handling and less fatigue.
- Wheel Diameter: 318mm
- Large easy-read 6 digit counter display.
- Foldable handle reduce storage space.
- Counter reads up to 99,999 metres.



Cat. No. 13LER343 **PRICE \$72.85**

WOODEN METRE RULER with Brass Ends

Made from hardwood and coated. Both edges in cm and mm. Brass ends prevent chipping and splitting.



Cat. No. 13MRB **PRICE \$7.60** 10+ **\$6.80**

METRIC RULER AND NUMBER TRACKS



1 metre Wooden Track with groove for cuisenaire rods or place value rods. Made from pine Timber.

Cat. No. 13NT100 **PRICE \$6.50** 10+ **\$5.90**

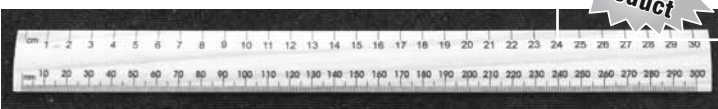
1 METRIC WOODEN RULER



Maths and Science
Made from pine Timber.

Cat. No. 13MR1 **PRICE \$4.50** 10+ **\$4.20**

30 CM WOODEN RULER



30 cm wooden ruler, made from pine Timber.

Cat. No. 13R30 **PRICE \$1.20** 10+ **\$1.00**
25+ **\$0.80**
50+ **\$0.60**

CLINOMETER

Unique frame enables angles to be measured by placing the instrument on a slope or against vertical surfaces. The height of buildings, trees etc can be calculated by aligning the clinometer sights with the top of the object to measure the angle of elevation and then measuring the distance from the object.



Cat. No.13CL

PRICE 1-5 **\$32.00** 5+ **\$29.65**

SCHOOL BELL

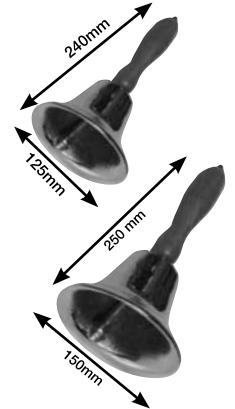
School hand held bronze 125mm Bell

Cat. No. 04 BELL. **PRICE \$168.80**

150 mm Bell

Cat. No. 04BELL.L **PRICE \$198.00**

Both Bells optional with wall bracket



QUALITY STAINLESS STEEL SCISSORS

CRAFT SCISSORS 130mm



Cat.No. 02CS4

PRICE **\$2.13** EACH
12 pr **\$1.73** EACH
24 pr **\$1.47** EACH
48 pr **\$1.38** EACH

GENERAL PURPOSE SCISSORS



Cat.No. 02GPS8 200 mm

PRICE **\$3.20** EACH
12 pr **\$2.58** EACH
24 pr **\$2.40** EACH
48 pr **\$2.25** EACH

METAL SCISSOR STAND



Solidly constructed steel stand for easy storage and removal of up to 30 pairs of scissors. Attractively painted in baked enamel. Measures 140mm high, 160 mm wide, 300mm long.

PRICE
Cat. No. 02SS10 **\$36.50**

CASIO FX9750GII GRAPHIC CALCULATOR

- 10 + 2 Mantissa & Exponent Digits
- Dot matrix display (128 x 64)
- USB port
- Battery power
- NCEA approved
- Increased 64K programme memory
- 180 H x 85 W x 25mm D



Cat. No. 14FX9750GII **PRICE \$86.00**

CALCULATOR CASIO SCIENTIFIC

The FX82AUPPLUS11 CASIO scientific calculator is the new and vastly upgraded model of New Zealand's most popular scientific calculator, featuring over 50 new or improved functions and NATURAL TEXTBOOK DISPLAY

- Natural Textbook display
- Meeting NCEA examination requirements
- Large, easy-to-read 10+2 digits dual line display
- Random Integer Functions
- Multiple intuitive ways to enter fractions
- List-Based data entry for statistics
- Combinations and permutations
- Approved surd and trig calculations
- Coordinate conversion
- AbExponential regression
- Multi-replay
- Protective hard case

Additional Functions

- Simplify
- Q1 / Q3 / med
- Verify
- Factorization into prime factor

Cat. No. 14FX82AUPplus11 **PRICE \$19.60**



SHARP® The brilliant EL240S CALCULATOR

No other calculator can match the benefits of the Sharp Basic Calculator.

- Plastic keys - hard to remove.
- Acrylic display protects both the screen and Solar Panel.
- Larger display (13.5 mm) makes it easier to read, aided by the permanent slant screen.
- Functions +, -, x, ÷, √, %, +/-, Constant calculation mode.
- Last answer display.
- Function key symbol shows on screen when pressed.
- Eight digit screen.



Cat. No. 14EL240 **PRICE \$10.80 EACH** **10+ \$8.80 EACH**

JASTEK SCIENTIFIC CALCULATOR

10 + 2 digit big number display with 2 Line LCD. Auto Power Off. 240 functions. One variable/two variable function. Durable plastic keys and hard case. Same functions as other leading branded calculators and meets NZCA requirements.

Powered by 2 x AAA Batteries.
Size: 161 x 85 x 20 mm



NZQA APPROVED

Cat. No. 14JASCS1 **PRICE \$14.60 EACH**



CALCULATOR STORAGE

The Gratnells tray with calculator storage foam insert, makes reconciliation easy at a glance! The 01FC2380 holds 15 Casio Graphic Calculators, the 01LF1 Lid secures the contents!



Sample
Cat.No. 01FC770

Foam calculator Insert, holds 15 FX9750G11.

Cat.No. 01FC2380 **PRICE \$12.95**

F25 TRAY
Cat.No. 01F25 **PRICE \$14.80**

LID
Cat.No. 01LF1 **PRICE \$ 6.00**

Foam calculator Insert, holds 30 Scientific (FX82) or 30 EL240.

Cat.No. 01FC770 **PRICE \$12.95**

F2 TRAY
Cat.No. 01F2 **PRICE \$12.00**

LID
Cat.No. 01LF1 **PRICE \$ 6.00**

RESOURCE ROOM EQUIPMENT

Leitz iLAM Easy Laminator A3

- Hassle free laminating with excellent results, no complicated settings - all you need to know is on and off!
- Manual release function prevents jamming
- 1 push photo lamination facility
- For 80 (75) to 125 microns
- Includes free pouches starter kit
- Side handles for easy transportation
- 3 year guarantee, GS certified
- Takes approximately 45 seconds to laminate one 80 micron A4 sheet



Cat.No. 05LEA3 **PRICE \$254.00**

LAMINATING POUCHES

Cat. No. 05LPA3 A3 80 micron pkt 100 **PRICE \$ 46.80**

Cat. No. 05LPA4 A4 80 micron pkt 100 **PRICE \$ 28.00**

up to 125 micron - price on application.

LEDAH A3 ROTARY TRIMMER

- Cutting length 460mm
- Cutting capacity 10 sheets



Cat.No. 02LA462

PRICE \$129.00

Leitz iLAM Touch Laminator Turbo S A3

- Unique sensor technology - no waves, no bubbles!
- No complicated settings - all you need to know is on and off!
- 1 min. warm-up time. No need to wait when switching between different pouch thicknesses
- Unique patented fold out flaps ensure consistently even, high quality laminations
- Low energy consumption, auto shut-off when the device isn't used for 30 minutes
- Auto reverse function - prevents jamming when the laminator is misfed
- 3 year guarantee, GS certified
- LED countdown indicates when the device is ready to use
- Side handles for easy transportation
- Includes free pouch starter kit
- For 80 to 250 microns
- Takes approximately 10 seconds to laminate one 80 micron A4 sheet



Cat.No. 05TLA3 **PRICE \$513.00**

GBC A20 BINDING MACHINE

Create professional documents in minutes with GBC binding machines and accessories products. From economical, occasional use to high tech, everyday use, there is a GBC binding machine to suit any office or school binding requirement.

Product Features

- GBC A20 Binding Machine
- 20 Sheet punch / 330 Binding Capacity
- QuickStep WorkFlow Guide improves efficiency
- GBC Low force punch technology
- Two handed soft touch punch handle
- Suction cap feet keep the machine stable
- Low-profile comb fingers for easier comb insertion
- Includes starter kit



Cat.No. 05BMNC20

PRICE \$370.00



Acer Chromebook C730 11.6" Dual Core 2Gb



CPU	Intel® Celeron® 2830U Dual core processor
CPU Detail	2.16 Ghz, 2MB Cache, 64-bit capable
Memory	2GB DDR3 Memory
Screen Size	11.6" HD WXGA (1366 x 768 resolution), Non-Glare LED-backlit LCD
Touch Screen	No
Hard Drive	16GB eMMC SSD
Wireless	Acer InviLink™ Nplify™ 802.11A/G/N Wi-Fi CERTIFIED (2.4/5.0Ghz) + Bluetooth 4.0
Graphics	Intel® HD Graphics with 128 MB of dedicated system memory
Ports	1 x USB 3.0 1 x USB 2.0 1 x HDMI with HDCP support
Operating System	Google Chrome OS
Battery	36 Wh 3200 mAh 4-cell Li-ion battery pack Battery life: 8.5 hours



Warranty: 1 Year
Cat.No. 05C730 **PRICE \$347.00**

Acer Chromebook C720P 11.6" Touch 4Gb



CPU	Intel® Celeron® 2955U processor
CPU Detail	1.4 Ghz, 2MB Cache, 64-bit capable
Memory	4GB DDR3 Memory
Screen Size	11.6" HD WXGA (1366 x 768 resolution), Non-Glare LED-backlit LCD
Touch Screen	TOUCH
Hard Drive	16GB eMMC SSD
Wireless	Acer InviLink™ Nplify™ 802.11A/G/N Wi-Fi CERTIFIED (2.4/5.0Ghz) + Bluetooth 4.0
Graphics	Intel® HD Graphics with 128 MB of dedicated system memory
Ports	1 x USB 3.0 1 x USB 2.0 1 x HDMI with HDCP support
Operating System	Google Chrome OS
Battery	45 Wh 3950 mAh 4-cell Li-ion battery pack Battery life: 7.5 hours



Warranty: 1 Year
Cat.No. 05C720P **PRICE \$455.00**

Acer Chromebook CB5-31113.3 Full HD 4Gb 32Gb



CPU	Nvidia Tegra K1 CD570M Quad Core Processor
CPU Detail	2.1 Ghz Quad Core
Memory	4GB DDR3 Memory
Screen Size	13.3" FHD WXGA (1920 x 1080 resolution), Non-Glare LED-backlit LCD
Touch Screen	No
Hard Drive	32GB eMMC SSD
Wireless	Acer InviLink™ Nplify™ 802.11a/b/g/n/ac wireless LAN + Bluetooth 4.0
Graphics	Nvidia Kepler
Ports	2 x USB 3.0 1 x HDMI with HDCP support
Operating System	Google Chrome OS
Battery	48 Wh 3200 mAh 4-cell Li-ion battery pack Battery life: 13 hours



Warranty: 1 Year
Cat.No. 05CB5311 **PRICE \$497.00**

ThinkPad 10 / TABLET



ThinkPad 10 is a versatile Windows tablet that adapts for School, home, or mobile use, delivering productivity via Laptop, Desktop, Tablet, or Stand mode. Can be used with the ThinkPad Tablet Dock or Ultrabook Keyboard for full PC capability, and enjoy a complete ecosystem of options, including a digitiser pen and 4G LTE.

Processor:	Intel® Atom™ Processor Z3795 (2M Cache, up to 2.39 GHz)
Operating system	Windows 8.1 64-bit
System Graphics	Integrated Intel® HD graphics
Total memory	4GB SDRAM, LPDDR3-1067
Display type	10.1" WUXGA (1920x1200), Multitouch IPS Display
Pointing device	Digitiser Pen
Hard drive device	64GB e-MMC
Battery	2-Cell Li-Polymer Battery (33Wh)
Network card	ThinkPad ABGN (2x2, 802.11 a/b/g/n) with Bluetooth® 4.0



Warranty: 1 Year
Cat.No. 05THINKPAD10 **PRICE \$799.00**



Please call us for information as specifications and pricing may vary. Google Chrome management software is also available. Please call us for latest pricing. Other laptops also available. Please contact us with your requirements.

MULTIMEDIA PROJECTORS

PANASONIC PROJECTOR



NEW Model

- LCD, XGA 1024 x 768 resolution
- **3700** lumens
- 10,000 : 1 contrast ratio
- 4000 lamp hours on high
- HDMI inputs

Cat.No. 15PT-LB360A
PRICE \$925.00

PANASONIC PROJECTOR WIDESCREEN



NEW Model

- LCD, wide screen, WXGA 1280 x 800 resolution
- **3300** lumens
- 10,000 : 1 contrast ratio
- 4000 lamp hours on high
- HDMI inputs

Cat.No. 15PT-LW330A
PRICE \$925.00

PANASONIC SHORT THROW WIDESCREEN PROJECTOR



NEW Model

- LCD, wide screen, WXGA 1280 x 800 resolution
- **2800** lumens
- 10,000 : 1 contrast ratio
- 3000 lamp hours on high
- HDMI inputs
- Includes Wall Mounting Bracket.

Cat.No. 15PT-TW250B
PRICE \$1782.00

HITACHI INTERACTIVE ULTRA SHORT THROW PROJECTOR



NEW Model

This advanced projector comes with StarBoard software that allows interactive operation on any flat surface - convert your wall or existing white board into a fully interactive teaching space!

Ultimate short throw projectors greatly reduce glare and shadows, and project a large image from very close range. This model projects an 80" image from only 27cm away. The handy functions allow greater communication for a new style of lessons.

Features and Benefits:

- Resolution: WXGA (1280x800)
- Brightness: 2700 lumens
- Contrast ration: 5000:1
- Interactive pen operation: Yes (up to 4 simultaneously - 2 supplied)
- Optional wireless connectivity
- Full connectivity including 2 xHDMI
- PC free interactive operation
- Dual screen interactive mode
- Auto & manual calibration modes
- Windows 8/8.1 support
- **Wall Mount Unit Included**
- 3 year warranty
- Includes StarBoard software supplied - Hitachi's very own interactive software suite, for when you're ready to move beyond just annotation.

Cat.No. 15CPTW2503
PRICE \$1845.00

HITACHI PROJECTOR



NEW Model

- XGA 1024 x 768 resolution
- **3200** lumens
- 4,000 : 1 contrast ratio
- 3LCD
- Manual zoom
- Auto vertical keystone correction
- Weight 3.0kg
- Dimensions(HxWxD): 85 x 320 x 245mm
- 3 Years warranty
- HDMI inputs

Cat.No. 15CPX3030WN
PRICE \$879.00

PROJECTION SCREENS / MOUNTS

MANUAL PULLDOWN - 4:3 Ratio



For use with data projectors, 4:3 aspect ratio.

- Premier Matt white screen to give flat viewing surface and excellent contrast for viewing
- Rollable auto locking system and easy smooth operating.
- Black borders on 4 sides
- Dual wall and ceiling mount design

and also can be mounted out from wall to clear whiteboards or artwork (ask about these extra brackets required)

Cat. No.	Size	WAS	NOW
11190	90" Diag 1.83m x 1.37m	\$194.00	\$185.00
11100	100" Diag 2.03m x 1.52m	\$248.00	\$225.00
11120	120" Diag 2.44m x 1.83m	\$319.00	\$300.00
11150	150" Diag 3.05m x 2.29m	\$489.00	\$459.00

MANUAL PULLDOWN - 16:10 Ratio WIDE SCREENS



Cat. No.	Size	PRICE
11WL84	84" Diag 1.81 x 1.13m	\$186.00
11WL94	94" Diag 2.02 x 1.27m	\$249.00
11WL113	113" Diag 2.43 x 1.52m	\$313.00
11WL142	142" Diag 3.06 x 1.91m	\$495.00

MANUAL PULLDOWN - 16:9 Ratio WIDE SCREENS

Cat. No.	Size	PRICE
11WH80	80" Diag 1.77 x 1.0m	\$186.00
11WH90	90" Diag 2.0 x 1.12m	\$249.00
11WH100	100" Diag 2.21 x 1.25m	\$313.00
11WH120	120" Diag 2.66 x 1.5m	\$495.00

OPTIONAL EXTRAS

EXTENSION WALL BRACKETS

For Hanging a screen over an existing whiteboard or away from the wall.



280mm - 610mm (Pair)

Cat. No. 11WB02

PRICE **\$ 42.00**



150mm

(Pair)

Cat. No. 11WB01

PRICE **\$ 29.80**

TRIPOD SCREENS



- Superior quality, very stable and user friendly operation
- 1:1 Ratio and also adjustable for 4:3 Ratio data projection
- Matt white heavy grade screen fabric - easily cleaned
- Metal casing with highly durable coating system to give years of constant use

Cat. No.	Size	PRICE
111818T2F	1.8m x 1.8m	\$183.00
11121T2F	2.1m x 2.1m	\$226.00

ELECTRIC MOTORISED SCREENS



WITH REMOTE

- 4:3 ratio with black border all around screen
- Very flat and seamless screens to give good angle viewing
- Remote control RF operation.

Cat. No.	Size	PRICE
1184MEV	84" Diag 1.71m x 1.28m	\$399.00
11100MEV	100" Diag 2.03m x 1.52m	\$499.00
11120MEV	120" Diag 2.44m x 1.83m	\$645.00
11150MEV	150" Diag 3.05m x 2.29m	\$850.00
11180XEV	180" Diag 3.66m x 2.74m	\$1688.00
11120MEV	200" Diag 4.06m x 3.05m	\$2216.00
111250MEV	250" Diag 5.1m x 3.8m	\$3207.00

REMEMBER

If you don't see what you need in our catalogue we can probably get it or make it for you. Just give us a call and we'll find the product especially for you.

PROJECTOR CEILING MOUNT

The Professional Projector Mount- PL320 is designed with superior Quick Attach & Detach knobs to enable the faster installation steps. Micro-adjustment up to +/- 25° Tilt angle, showing the precise image position you desire. Compatible with any projector on the market.

Compatibility: Compatible with projectors with hole patterns up to ø325mm
 Loading Capacity: 33lbs/15kg
 Tube Length: Adjustable length range from 127.7mm to 577.7mm
 Tilt Angle: Up to +/-25° Tilt
 Rotation: 360°



Cat.No. 04MN902 **PRICE \$115.00**

SHORT THROW PROJECTOR WALL MOUNT

- Fully adjustable with cable management
- Extends up to 1200mm from the wall

Cat.No. 04WM01
PRICE \$195.00



PROJECTOR CEILING MOUNT

Height adjustable 430mm - 650mm

Cat.No. 04M01 **PRICE \$76.50**

Height adjustable 610mm - 830mm

Cat.No. 04M02 **PRICE \$86.40**



PROJECTOR FIXED MOUNT



Cat.No. 04CM06 135mm Fixed **PRICE \$60.00**

VGA MONITOR CONNECTION High Res Cable



	PRICE
Cat.No. 05VGA3	\$12.00
Cat.No. 05VGA5	\$17.35
Cat.No. 05VGA10	\$29.90
Cat.No. 05VGA15	\$38.00
Cat.No. 05VGA20	\$49.55

LAPTOP AND IPAD TROLLEY

LAPTOP AND IPAD TROLLEY

An affordable and reliable trolley holding up to 16 or 32 laptops (finns) or Laptop(baskets), Has a lockable top cover and steel protective side panels for security. Heavy duty latches make the doors tamper resistant.



Cat. No. 0116BAY
 16 Bay **PRICE \$1495.00**



Cat. No. 0132BAY
 32 Bay **PRICE \$2679.00**

STANDING LAPTOP TROLLEY

Main top and side shelf are both height adjustable and swivel independently, lockable castors.

Main top 400 x 300mm

Mouse shelf 210 x 210mm

Height range 750 x 1250h

Cat. No. 01SLT **PRICE \$262.70**



TOUCHIT INTERACTIVE LED DISPLAY

TOUCHIT INTERACTIVE LED DISPLAYS

Utilizing the latest in display technology, the TouchIT LED Duo is a range of 6 point touch interactive displays. Connect your computer and with no drivers or calibration required, you have full mouse control of your computer at your fingertips. Unlike overlays or other conductive films, there is no loss of clarity with our technology. Our Optical Technology offers a high resolution which can handle the most demanding of applications. With a high accuracy and quick response time, the TouchIT LED Duo range is the perfect teaching assistant or presentation tool. Annotate over any application, surf the web, save your annotations, mark up, brainstorm, and create presentations – all is possible with a TouchIT LED Duo

- Available in 55", 65" and 84" models
- Full HD 1080P
- LED Panel
- No drivers*, no calibration
- Control your computer/educational content directly from the LED
- Use your finger or a stylus
- Play HD video
- TouchIT Notes and Wizteach software included

* Drivers may need to be loaded under MAC OS.

Includes wall Bracket

Cat.No. 04TOUCHIT55	TouchIT 55"	PRICE \$5589.00
Cat.No. 04TOUCHIT65	TouchIT 65"	PRICE \$6574.00
Cat.No. 04TOUCHIT84	TouchIT 84"	PRICE \$13185.00
Cat.No. 04MOBILE	Mobile stand only	PRICE \$1070.00



PORTABLE SOUND SYSTEMS

School halls Pools Playing Fields Ball Courts Sports Group Fitness Training

The best sounding and most popular portable PA system

Comes with a hand-held cordless microphone plus the option to add another three!

Comes with Blue-tooth receiver AND digital recorder/ player

Built-in 120w Class-D amplifier = loud & clear sound, easily covers several hundred people!

Perfect for indoor and outdoor use.

Built-in batteries offer up to 10 hours use on a charge.

Inputs for additional music sources and MP3 players.

Built-in trolley with retractable handle

Only weighs 20Kg.



Cat. No. 15C1000

WAS \$2773.00

NOW \$2173.00

FREE Tripod Stand

LOWER PRICE



FOCUS 505
CD/MP3 Player Built-in

FREE Tripod Stand and Carry Bag

Cat. No. 15F500CD

PRICE \$1377.50

LEASE PRICE

PRICE \$133.27

50W RMS, weighs 5.4 kg

(Includes wireless Hand held Microphone)



DELTA EDUCATIONAL

2014
CATALOGUE

AUCKLAND CALLS 629 3234
TOLL FREE 0508 654 321

MAKE YOUR ORDER ON LINE
www.deltaed.co.nz

All our prices exclude G.S.T. Freight charges apply. Prices herein are subject to change without notification.

PORTABLE DESKTOP PA

Self-contained PA unit with a compact PP moulded cabinet in a desktop format. Built-in USB/SD/FM player and dual handheld VHF microphone system make this a comprehensive solution for tasks as diverse as classroom activities, meetings and singing rehearsal. Mains or internal re-chargeable battery operation and very manageable size enable this unique product to be used practically anywhere.

- Mains/rechargeable operation
- Echo effect for microphones
- 2 x VHF handheld microphones included
- Integral holsters for handheld transmitters
- Integral USB/SD/FM media player
- Powerful 50W output

NEW Product



Cat. No. 15952.400

PRICE **\$375.00**

OPTIONAL CARRY BAG

Full front and rear zip openings allow the PA to be operated in the bag with access to the rear microphone holders. A front zip pocket is included for leads and accessories.

- Openings for carry handle and shoulder strap
- Access to all functions for in-bag operation



Cat. No. 15952.403

PRICE **\$43.00**

PORTABLE SOUND SYSTEM

- Retractable handle
- Sturdy rollers
- Bluetooth, 3.5mm and RCA inputs
- Twin USB inputs, can record onto one USB from the other and AUX1 & AUX2 in
- D Bass beat and Super Woofer
- LED illuminated speaker cone with several colour options
- Microphone and Guitar inputs with adjustable volume controls
- Can connect another slave C Max 5 via RCA cable audio in-out for twice the sound!
- Remote control
- 20 Kg's
- Karaoke function
- 378 W x 724 H x 436 D

NEW Product



Cat. No. 05CMAX5

PRICE **\$495.00**

LISTENING EQUIPMENT

FULL MUFF STEREO HEADPHONES FOR COMPUTER, MUSIC

3.5 Plug with FREE 6.3 Adaptor



Cat. No. 05HP5009

PRICE **\$19.80 EACH**

10+ **\$17.80 EACH**

Supplied with FREE 6.3 adaptor plug for keyboards and listening post use.

If you prefer a permanent 6.3mm soldered plug, we can do this for you, add **\$6.00** per headphone.

LIGHTWEIGHT DIGITAL STEREO HEADPHONE

- Comfortable light-weight design
- 1.2 metres code
- 3.5mm plug
- Adjustable plastic headband



Cat. No. 05HPS20

PRICE **\$11.50** 10+ **\$9.00 EACH**

EAR CUSHIONS

Replacement, Black, will fit 45mm - 54mm

PKT 20 Cat. No. 05EC20 PRICE **\$28.00**

PKT 50 Cat. No. 05EC50 PRICE **\$56.00**

NEW Product



HEADSET DISPOSABLE HYGIENIC COVERS

Used anywhere where headphones are to be shared by multiple users

PKT 100 Cat. No. 05CE PRICE **\$48.00**

NEW Product



GENIUS HEADSET WITH MICROPHONE

FEATURES

- Headband stereo headset
- Noise-Cancelling microphone
- In-line microphone with mute function
- In-line volume control
- Great for MSN/ SKYPE/ MP3 player
- 3.5mm jack plug **Cat. No. 05HC608 PRICE \$19.50**



- 3.5 Stereo Plug to 2 x 3.5mm Stereo Jack Adaptor

Cat. No. 05A372 PRICE \$2.75



- 6.5mm Stereo plug to 3.5mm Stereo Jack

Cat. No. 05HPA63 PRICE \$2.95

LISTENING POST

The Delta Listening Post is designed for long term reliable service. It allows up to ten headphones to operate from most cassette players and radio cassettes.



6.5 Plug headphones

Cat. No. 05LP1

PRICE \$64.90

Listening Post (05LP1)
10 Headphones (05HP5009)

PRICE \$237.00

HEADPHONE AND LISTENING POST CARRIER

This DELTA carrier is designed to save time in setting up and putting away Listening Post equipment.

Carries up to 10 sets of headphones, a Listening Post and most Cassette Recorders.

LISTENING POST CARRIER ONLY

Cat. No. 05LPC2

PRICE \$104.50

Listening Post (05LP1)
Listening Post Carrier (05LPC2)
10 Headphones (05HP5009)

PRICE \$332.70



CORDLESS HEADPHONE SYSTEM

HAMILTON

education new zealand technology



BUY A COMPLETE SET FOR \$590.60 AND SAVE \$75.40

The complete set includes; 6 Headphones, Transmitter, Power Adaptor Charging Lead

These items can also be purchased individually for the prices listed here.

HEADPHONES	\$78.00
TRANSMITTER	\$158.80
CHARGING LEAD	\$13.60
POWER ADAPTOR	\$25.60

Enjoy the benefits of:

- No headphone cords
- No restriction on number of headphones used per transmission
- Freedom of movement
- Totally portable
- Four different transmission frequencies allows use in adjacent classrooms without interference
- Microphone input for numerous vocal applications (reading programs multicultural and ESL studies translation, etc)

This portable VHF system utilises a compact transmitter which sits on top of a desk or table, connected to your media resource. A telescopic antenna on the transmitter sends a coded signal which is picked up by the receiver in the cordless headphones. This signal can be picked up anywhere in the room - no loop required. The system features an impact-resistant headshell with an adjustable headband.

The foam-filled vinyl ear cushions are easy to clean, with extra depth to enhance comfort and reduce distracting outside noises. Each headphone has its own volume control for individual listening and a "sealed in" battery. When fully charged, the headphone provides approximately 50 hours of continuous operation.

We also service and repair Hamilton headphone systems

AUDIO EQUIPMENT

PANASONIC CD RADIO CASSETTE RECORDER

- FM/AM Radio Tuner
- Cassette Recorder
- Single CD
- 4 watt RMS
- White in colour



Cat. No. 05RX-D45W **PRICE \$168.00**

PANASONIC CD RADIO CASSETTE RECORDER MP3

- FM/AM Radio Tuner
- Cassette Recorder
- Single CD, MP3
- 6 watt RMS
- Music Port
- Remote Control
- Silver in Colour



Cat. No. 05RX-D50S **PRICE \$195.00**

GENIUS 2.0CH BLACK WOOD SPEAKERS - 50W RMS

- Three-way speaker units assure accurate sound quality
- Total 50 Watts RMS
- Burnished Black Wood Colour
- Adjustable Volume, Bass and Treble Controls
- Line-in Jack and Headphone Jack
- Connect to PC / TV / DVD / Gaming Device easily
- 15"H x 6"W



Cat. No. 04MM1208W **PRICE \$115.00**

LOGITECH 2.1 MULTIMEDIA SPEAKER BLACK



Full Bass, compact design. Compact satellite speakers deliver excellent sound quality yet fit easily on a desk, bookshelf or TV cabinet. The subwoofer pumps out deep bass that's easy to adjust to your liking. 14W peak power (7W RMS): Enjoy all your audio entertainment in loud, clear stereo sound



Cat. No. 05MM5013
PRICE \$49.95

GENIUS USB POWERED BLACK SPEAKERS

The Genius SP-U150 4W RMS range of USB speakers are all about the perfect balance of classy looks, great sound and versatility. Perfect for notebook or desktop users. They also have a second line-in jack to easily connect another source of music, like MP3 player or smartphone.



Cat. No. 04MM1152 **PRICE \$19.60**

FURNITURE FOR SCHOOLS

**“NEED NEW FURNITURE? WANT IT CUSTOM MADE?”
PRICING ON APPLICATION**

We now have available a supply of New Zealand made commercial furniture for all your school's needs, from Pre-school to University level.

From classroom to office, staff room to school hall, even outdoor seating. Desks, Storage units, Tables, Chairs, Trolleys, Reception Counters, Filing Units, Bookcases, Stools, Computer Trolleys and lots more.

Enquire about our extensive range today.

One-offs or bulk orders,

New Zealand made products either your design or ours.

ELECTRONIC TIMER

- Big Button Timer
- 99 minute 59 second display
- **Count up count down**
- Memory function
- Loud beeper
- Magnetic / Self standing



Cat. No. 06397

PRICE
\$15.00

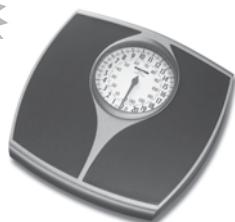
SCALE, SCIENCE STUDENTS

Easy to read full view dial (12.7cm diameter) with large spacious platform for generous foot room.

136 kg capacity, 1kg divisions.

Divisions in Kg and Stones

LOWER PRICE



Cat. No. 06N148

PRICE \$69.00

STOPWATCH, LARGE DISPLAY

Easy to read and a must for all sporting, technical applications and for general use. Complete with battery.

- 1/100th second
- Split / Lap time
- 12/24 hour clock - Hourly chime and alarm
- Hour, Minute, Second, Month, Date, Day and Auto Calendar
- Easy to operate.
- Size: 71.0 x 64.0 x 16.0 mm



Cat. No. 06SWTF307

1-9

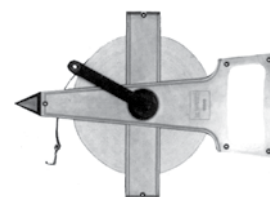
\$12.00 EACH

10+

\$9.60 EACH

EXTRA LONG MEASURING TAPES

13 mm wide Fibreglass Tape



30 metre tape

Cat. No. 060TR30

PRICE \$18.00

50 metre tape

Cat. No. 060TR50

PRICE \$24.00

100 metre tape

Cat. No. 060TR100

PRICE \$49.80

SLIMLINE ELECTRONIC SCALE

- Easy Read Backlit LCD Display display size 8x3.7cm
- Large Platform for Generous Foot Room
- **180 kg Capacity**
- Step On For Instant Weight Reading
- Dimension (cm) 35x5x35
- Power 2xAAA
- Gurantee 15 Years

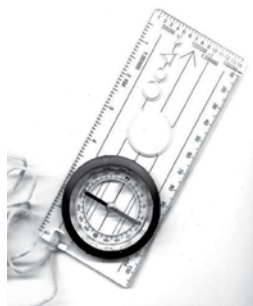


Cat. No. 069074

PRICE
\$49.00

ORIENTEERING & MAPPING COMPASS

- Easy clean ABS Top Sturdy versatile compass
- For orienteering and outdoor activities 130mm x 60mm.
- Graduation 360°
- Easy to grip compass construction
- Stable, easy to read needle
- Magnifying lens for small print
- Stencil holes for star and control markings
- Detachable scale slide



Cat. No. 18DC45

GREAT PRICE
\$15.90

MEGAPHONE 25WATT WITH SIREN

A powerful and durable megaphone suitable for all outdoor occasions.

Its built-in powerful 25W amplifier and a high quality anti feedback microphone can project a clear sound up to a distance of 1km depending upon conditions.

The microphone also features a handy push to talk switch and rotary volume control and is made from strong ABS with a rubber edge protector.

- A comfortable strong shoulder strap is included
- Built-in switchable siren function
- Operates from 8 "C" batteries supplied
- Pistol grip handle with trigger switch
- Supplied with 5m power lead, cigarette lighter plug to DC plug for external 12Vdc operation



NEW Product

Cat. No. 06L25

PRICE
\$97.00

DELTA'S PRIMARY SCIENCE INVESTIGATION KITS

Introducing DELTA's Primary Science Investigation Kits. Especially designed to support learning for Upper Primary level and links to the New Zealand Curriculum and the Nature of Science.

NEW
Product

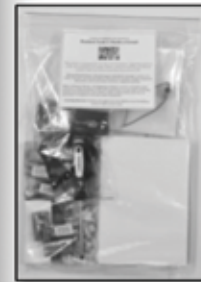
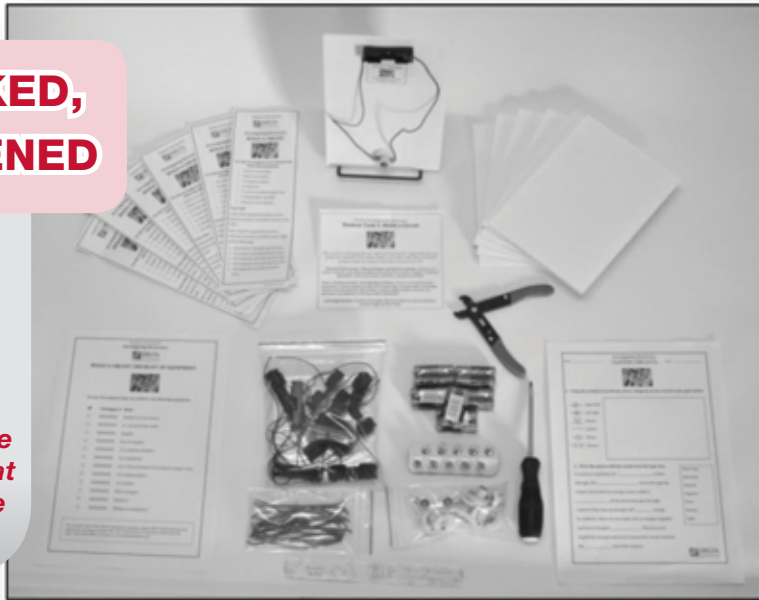
**YOU'VE ASKED,
WE'VE LISTENED**

*All the work has
been done!*

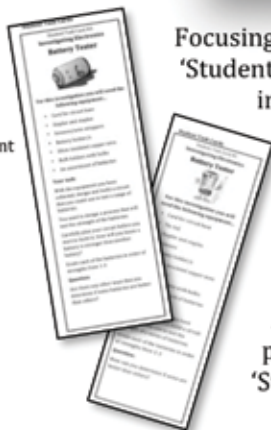
Students will learn

And also have fun!

*Delta's Primary Science
Electronics Kits: A great
start to investigate the
Nature of Science!*



Picture left shows Kit #1 **Build a Circuit** and all the components/equipment included in this pack for up to 6 students to complete the investigation task. Each kit is packed away in a sealed A3 plastic bag (above).

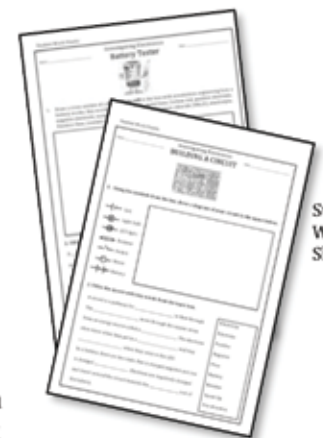


Student Task Cards

Focusing on developing students' investigation skills, each kit contains a set of laminated 'Student Task Cards' and all the equipment needed for up to 6 students to carry out an investigation in one convenient pack.

All tasks are designed to engage small groups of students with hands-on experiences while allowing them to investigate a variety of science concepts in a safe and structured environment.

A corresponding 'Student Worksheet' is supplied with each pack to reinforce the science ideas and concepts behind each 'Student Task Card'. (Teacher's answer sheet included)



Student Work Sheets

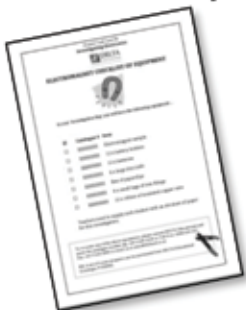
COLLABORATIVE LEARNING AT ITS BEST

Our kits are designed to support collaborative learning in the classroom. Each pack comes with a set of easy to follow student instructions as well as a ready-made exemplar that younger students can use as a guide as they work

through their investigations. Setup is simple as small groups of students work together using the kits to build and explore circuits, batteries and switches.

EASY TO USE CHECKLIST

Every Student Investigation Kit contains a laminated checklist to cross check off equipment in the pack, ensuring that the kit is complete for the next group of students to use.



FREE 'Student Reading Pages' for every Electronics Investigation Pack ordered. Suitable for Upper Primary level, the 'Student Reading Pages' provide learners with background information about a range of science concepts relating to electricity. The 'Student Reading Pages' correlate to the 'Student Task Cards' and 'Student Work Sheets' providing opportunities for the students to reinforce the Learning Objectives from the Student Investigation Kits.



Student Reading Pages

ELECTRONICS INVESTIGATION KIT #1**Build a Circuit**

This pack comes with activity cards and resources for students to investigate the most effective way of building a circuit to light up their bulbs.



**NEW
Product**

Cat. No. 26PSE1 1 3+ 6+
PRICE \$37.00ea \$34.90ea \$32.80ea

ELECTRONICS INVESTIGATION KIT #2**Design a Switch**

This pack comes with activity cards and resources for students to use their problem solving skills to design a switch that swivels, twists or hinges to connect their circuits and sound their buzzers.



Cat. No. 26PSE2 1 3+ 6+
PRICE \$42.90ea \$40.60ea \$37.70ea

ELECTRONICS INVESTIGATION KIT #3**Build a Battery**

This pack comes with activity cards and resources for students to investigate the elements of a simple battery, by using copper wire, zinc nails and vinegar. Equipment is provided to test it out with a simple circuit. (Vinegar not included)



Cat. No. 26PSE3 1 3+ 6+
PRICE \$32.60ea \$30.90ea \$29.20ea

ELECTRONICS INVESTIGATION KIT #4**Best Conductor**

This pack comes with activity cards and resources for students to build a circuit with probes that can test a range of objects. Metal sample kit is supplied within this pack for students to investigate the conducting properties of various metals.



Cat. No. 26PSE4 1 3+ 6+
PRICE \$35.60ea \$33.70ea \$31.90ea

ELECTRONICS INVESTIGATION KIT #5**Series vs Parallel**

This pack comes with activity cards and resources for students to build and compare series and parallel circuits. Once constructed, the differences in energy flow can be observed as the bulbs glow at different strengths along the two circuits.



Cat. No. 26PSE5 1 3+ 6+
PRICE \$42.90ea \$40.60ea \$37.70ea

ELECTRONICS INVESTIGATION KIT #6**Construct an Electromagnet**

This pack comes with activity cards and resources for students to manually construct an electromagnet from scratch and observe the effects of the magnetic field using a compass.



Cat. No. 26PSE6 1 3+ 6+
PRICE \$40.90ea \$38.70ea \$36.80ea

SCIENCE EQUIPMENT

AGAR

Nutrient, plates, convenient, economical, ready to use, pk 20

Cat. No. 44ANP20 PRICE **\$14.80**

SWAB

Sterile 15cm PK/ 5

Cat. No. 48SWAB PRICE **\$1.20**

AMMETERS



0-5 amp DC

Cat. No. 44AD PRICE **\$34.00**

ALLIGATOR CLIPS

Plain shank and screw, 4mm



Cat. No. 47ACP4 PRICE **\$0.75**

ALLIGATOR CLIP LEAD



Alligator Clip Lead, set of 10 assorted colours with 50mm long Shrouded Alligator clip at each end for simple, quick circuit connection. Overall length 300mm.

Cat. No. 48ACL8 PRICE **\$10.90**

BANANA CABLES

PVC shielded cable, 4mm banana plugs, plug is soldered on, pair, one red, one black, 600mm. Our alligator clips 47ACB4/R4 fit onto these leads.



Cat. No. 47TLP3 PRICE **\$5.80**

BALANCE, SPRING, Scale in Newtons and grams. Flat Type, Plastic Body

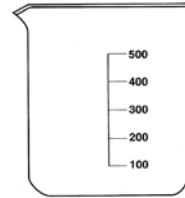


	Cat. No.	PRICE
1+/- 0.02N, 100+/- 2g	48BSN1	\$4.95
5+/- 0.1N, 500+/- 10g	48BSN5	\$4.95
10+/- 0.2N, 1000+/- 20g	48BSN10	\$4.95
20+/- 0.4N, 2000+/- 40g	48BSN20	\$4.95
50+/- 1N, 5+/- 0.1kg	48BSN50	\$4.95
100+/- 2N, 10kg+/- 200g	48BSN100	\$4.95

BEAKERS, Bomex Brand

Borosilicate, Heat-Resistant Glass. Graduated, Low Form. Manufactured to AS2234 - 1979. Pack size is 12 (ordering by the pack reduces transit damage).

	Cat. No.	PRICE
50ml	49BGB50	\$2.60
100ml	49BGB100	\$2.50
250ml	49BGB250	\$3.30
600ml	49BGB600	\$4.20

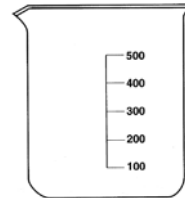


(other size also available).

BEAKERS, Polypropylene

Graduated

	Cat. No.	PRICE
50ml	49BP50	\$1.90
100ml	49BP100	\$2.20
250ml	49BP250	\$3.20
500ml	49BP500	\$3.80
1000ml	49BP1000	\$6.50



BENCH TYPE VOLTMETERS

0-20 volt DC

Cat. No. 4420D PRICE **\$39.60**

BOTTLES, PLASTIC Dropping

With screw top. Sold in packs of 10.

50ml	Cat. No. 49BPD50	PRICE \$8.40
100ml	Cat. No. 49BPD100	PRICE \$9.80



DROPPING BOTTLE UTILITY TRAY

For 10 x 50ml plastic dropping bottles [cat no 49BPD50]

Cat. No. 49UTD PRICE **\$8.40** 10+ **\$7.40**

For 10 x 100ml plastic dropping bottle [cat no 49 BPD100]

Cat. No. 49UTL PRICE **\$15.00** 10+ **\$13.50**

BUG EYE 3D VIEWER



Totally enclosed 65 x 65mm viewer. Magnified screw top lid.

	Cat. No.	PRICE
	48BUG1	\$5.20
	10+	\$4.62

BURNER, SPIRIT

GLASS



Alcohol, glass, 120ml with metal cap.

Cat. No. 48AB150 **PRICE \$7.60**

Spare Wick, pack 10

Cat. No. 47W323 **PRICE \$6.00**

BUNSEN BURNERS

Our top-selling Bunsen!

Nickel plated brass tube 18mm dia. with flame retention collar and captive air shutter. Enamelled base provides good stability with 10mm diameter side tube for gas hose.

High calorific output.

Accepts 8mm i.d. tubing.

These Bunsens have been tested by many chemistry teachers and found to be superior to other imported brands. No need to fiddle with and change jets as they work on 99% of school gas supplies with excellent results.

Manufactured in Australia to ISO9002 quality standards.



(Note: Only the collar type below are held in stock as they are most popular with schools.)

Natural Gas

Collar type air adjustment

Cat. No. 44BBN1 **PRICE \$23.00**

LPG

Collar type air adjustment

Cat. No. 44BBLP1 **PRICE \$23.00**

All above Bunsen Burners

10+ **PRICE \$21.10**

COMPASS MAGNETIC



35mm, one see-through face

Cat. No. 42CS35 **PRICE \$4.40**

10+ **PRICE \$4.00**

CYLINDERS, MEASURING

BOROSILICATE GLASS



Supertek Brand

10ml x .2ml **Cat. No. 49CG10S** **PRICE \$6.80**

50ml x 1ml **Cat. No. 49CG50S** **PRICE \$7.10**

100ml x 1ml **Cat. No. 49CG100S** **PRICE \$10.00**

250ml x 2ml **Cat. No. 49CG250S** **PRICE \$13.80**

BEST PRICES!
Why pay more?

DIALYSIS TUBING

42mm flat, 28mm diameter inflated.

Roll 5m

Cat. No. 44DT5

PRICE \$34.00

DIGESTO-RAMA®



Hands-on activity makes learning about the digestive system fun! Contains two plastic replicas of the digestive tract plus an activity guide written especially for kids. Younger students learn basic anatomical information, while older students expand on the activities.

Cat. No. 53DOR **PRICE \$54.00**

DUAL PURPOSE TRAY

This Thermometer / Magnet Dual Purpose Storage Tray helps you to keep costs down! Made from washable ABS plastic this durable tray is designed for versatility. Holds 10 x 305mm Thermometers or x 10 pairs of 50/75 mm length x 5x10mm Bar Magnets with keepers.



Cat. No. 48DPT **PRICE \$19.80**

EYE-DROPPERS

Glass with rubber teat.



Pack of 10

Cat. No. 44ED

PRICE \$7.30

Ferrite Magnet Bar

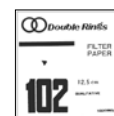


50 x 19 x 6mm

Cat. No. 42MC506 **PRICE \$2.00**

FILTER PAPER

Student Grade



12.5cm

100/pack

Cat. No. 41FPSG

PRICE \$7.60

FIRE PISTON



Demonstrates that heat is one result of compression in a closed gaseous system. When the plunger is pushed firmly into the shielded cylinder, a wisp of cotton is ignited. Device is sturdily and safely built.

Cat. No. 43FP **PRICE \$45.00**

SCIENCE EQUIPMENT

FOUNTAIN CONNECTION



Figure 1

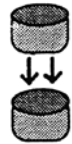


Figure 2

We provide the connections and tubes, you provide two 2 litre plastic bottles and water. Then you have the workings of a simple vacuum and compression demonstration. Once operating, the resulting fountain seems to defy logic and the laws of nature. However these simple components show, for example how coffee percolators work.



Cat. No. 43FC **PRICE \$9.00**

FUNNELS, Filter+Glass



Polypropylene

50mm

Cat. No. 49FP50

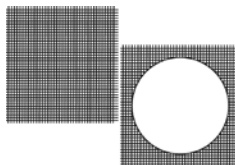
PRICE

\$0.95

75mm

Cat. No. 49FP75

\$1.80



GAUZE MATS

STAINLESS STEEL

Plain - 125mm square

Cat. No. 44GMP125

PRICE

\$2.00

Plain - 150mm square

Cat. No. 44GMP

\$2.70

GLOBE



13cm Globe Political

Cat. No. 51GLS

PRICE

\$32.40

28cm Globe Political

Cat. No. 51GLL

\$45.20

GLOVES



VINYL - Box of 100

Small

Cat. No. 44GVS

PRICE

\$9.20

Medium

Cat. No. 44GVM

\$9.20

Large

Cat. No. 44GVL

\$9.20

INDICATOR PAPERS



Paper, Cobalt Chloride, Vial, 100 Strips

Litmus Blue, vial, 100 strips

Cat. No. 48PLB

\$4.00

Litmus Red, vial, 100 strips

Cat. No. 48PLR

\$4.00

Litmus Neutral, vial, 100 strips

Cat. No. 48PLN

\$4.00

(* Macherey-Nagel Brand, Clearance item)

JUGS, PLASTIC, With graduations



1 litre

Cat. No. 49JP1

\$12.50

2 litre

Cat. No. 49JP2

\$13.80

LAMPS, MES



Box of 10

PRICE

12V / 0.5A

Cat. No. 42MES12

\$6.40

1.5V / 0.3A

Cat. No. 25MES15

\$5.50

LAMP HOLDERS



MES - Single contact MES lamp batten. Two mounting holes on base.

Cat. No. 25BHMES **PRICE \$1.70**

LENS TISSUE

150 x 100mm pad/100 leaves. For cleaning all optical lenses

Cat. No. 48LP120 **PRICE \$5.80**

LOGBOOK GL PRIMARY DATA LOGGER

The Logbook GL Primary Data logger features a graphics screen to enable graphical visualisation of data during a recording and from saved files. The logger includes built in sensors for temperature, light and sound as well as an external temperature probe. The internal sensors can be turned on and off and there are 4 additional inputs for external sensors.

- Primary Datalogger
- Datadisc Explore/Graphpad licence
- Power adapter
- USB lead
- Gratnells Tray
- External Temperature probe



Cat. No. 44S1323

Unit PRICE \$574.20

MAGNETS

ISOTOPIC FERRITE MAGNET

Magnet U Sharpe 30x30x6mm

- Suitable For Craft Uses
- Suited To Close Contact and Holding Uses



Cat. No. 25ETH1873
PRICE \$1.00



Magnet Wand

Ferrite magnet encapsulated in plastic

Cat. No. 42MW PRICE \$5.90
10+ PRICE \$5.50

MAGNIFIER WITH LAMP

This handy magnifier has a lens mounted on a stand and comes complete with a built-in lamp powered by 2x 1.5V 'AA' batteries (not included). 360 degree screw lock design puts lens and light where you need it. Convenient thumb operated switch for illumination and each lens has a useful high-magnification bubble. Can be used either hand held or hands free. Available in two sizes:



PRICE

90mm: Cat. No. 48ML90 PRICE \$15.75
110mm: Cat. No. 48ML110 PRICE \$18.90

MAGNIFIER

Hand-held with shatterproof acrylic lens, ebony frame, 75 mm diameter and 100mm diameter



75 mm diameter Cat. No. 48M7009 PRICE \$2.80
100 mm diameter Cat. No. 48M7100 PRICE \$3.95

MAGNET ACTIVITY KIT

Complete with fully illustrated booklet. Learn about: History of Magnets, Use, Materials attracted, Poles, Activity & Behaviour, Word-find, Strength & Distance, Attraction vs Repulsion, Magnetic fields, Transference and Temporary magnets.



Cat. No. 42MAK PRICE \$12.00

MAGNETOIDS

MAGNETS FROM MARS!!!

Two super-strong, special oblong magnets that are amazing. Made from Haematite, they are smooth and safe to handle. Spin them on a smooth surface and as they attract each other, listen to them chirp!!

A new, fun way to demonstrate magnetic force and other principles. Why do they chirp? Where is North and South? What happens as they collide? How can two little magnets be so ridiculously entertaining? Play with magnetoids for just few minutes and find out. Before you know it you will be entranced by their spinning, chirping,



wobbling ways. Upon releasing the Magnetoids they immediately perform a magic, magnetic ballet of attraction and repulsion, clashing, spinning and making an amazing ear-catching, insectoid, chirping sound in the process (...called a 'glissando',....meaning rapid sliding up or down the musical scale.") Each size 17 x 59mm.

Cat. No. 42MTD PRICE \$14.50
4+ PRICE \$12.50

MICROSCOPE SLIDE SETS PREPARED

Introductory Microscopy 12 slides

Cat. No. 44MSS885 PRICE \$96.60

An extensive range of prepared, high quality, slides is available covering the areas of histology, zoology, botany, parasitology, pathogenic bacteria, cytology, embryology, ecology and environment. SEE THE DELTA WEBSITE or contact us TOLL FREE 0508-654 321 for further details.

Monocular, Junior

The ideal economical microscope for teaching Junior Science and Introductory Microscopy.

Features:

- Monocular eyepiece tube
- built-in light
- 4x, 10x, 40x Achromat objectives
- Lockable widefield 10x eyepiece with pointer
- Spring-loaded stage clips for easy slide placement
- Rotary disc diaphragm
- Rack and pinion stage with bilateral single focus knob
- Die-cast rugged metal housing
- Adjustable stage stop (prevents damage to 40x lens)
- CE certified
- 40X to 400X magnification



Cat. No. 44MMJA2 PRICE \$270.00

SCIENCE EQUIPMENT

MEMORY WIRE, NITINOL



This wire is made of Nitinol, a nickel-titanium alloy (a combination of two or more metals which exhibits different properties from those of the parent metals) with a remarkable shape memory. Bend the wire into almost any shape while it is cold; it will remain

bent until heated (in hot water), and then resume its original shape.

Cat. No. 43MW **PRICE \$22.00**



MINISPEC

For small heads and children. Fashionable design. Arms adjustable to 5 positions.

Cat. No. 44SGS **PRICE \$10.00**
20+ **\$9.45**



FUNKY SPEC

Polycarbonate lens safety glasses. Wrap-around frame, one size fits all.

Clear

Cat. No. 44SGF **PRICE \$7.50**
20+ **\$7.00**

MIRAGE[®]

Creates Baffling Illusions That Defy Explanation

Scientists call them "three-dimensional real images." Students will call them IMPOSSIBLE! Just place any small object into MIRAGE. Instantly, incredibly, they appear ABOVE it, in full three-dimension. Study these visions from all sides. But reach to touch them... your fingers go right through!

A Precision Optical Instrument

To faithfully reproduce the exact appearance of the objects you display, MIRAGE is crafted and tested to exacting tolerances. Perfect colour duplication is achieved with optical surfaces just 5/1,000,000ths of an inch thick.

Indeed, MIRAGE surpasses holography in resolution. Mirage has no moving parts, batteries, cords or dials. Again and again, students will refuse to believe it when they can't touch what they see before them. A thought-provoking experience.

Cat. No. 43M1 **PRICE \$82.00**



1000V MULTI TESTER PROFESSIONAL

Model M820B

- 6 functions
- 19 ranges
- Rugged protective case with holster for probes storage
- Foldout stand
- Low Battery Indicator
- overload protection to 1000V Max.
- Battery included

Ranges:

DCV: 0.2, 2, 20, 200, 600V

ACV: 200, 600V

DCA: 200 μ A, 2mA, 20mA, 200mA, 10A

Resistance: 200, 2K, 20K, 200K, 2M ohms

Transistor hFE Test: NPN & PNP

Temperature (K Type Probe): -20°C to 1370°C



Cat. No. 44MMP **PRICE \$22.00**
10+ **\$19.60**



NEWTON'S CRADLE

Demonstrates Newton's third law of motion and the principle of conservation of momentum.

Cat. No. 48NC **PRICE \$35.00**

PETRI DISHES



100mm diameter, glass, reusable **PRICE \$3.50**
Cat. No. 44PDG

90mm diameter, plastic, disposable
Pack 20 **PRICE \$4.90**
Cat. No. 44PD

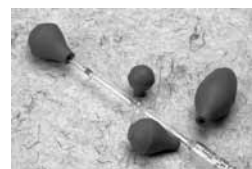
Nutrient, Plates, Convenient, Economical
Ready to use

PIPETTE FILLERS



Rubber 3-valve type

Cat. No. 48PFR **PRICE \$14.00**



Rubber, pear-shaped, no valves, simple type, 25ml.

Cat. No. 48PFB **PRICE \$4.55**
1-19: **\$4.55**
20+: **\$3.95**

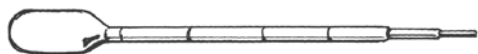
(48PFB shown attached to pipette)

SCIENCE EQUIPMENT

PIPETTES, TRANSFER

Plastic, disposable, box of 100
1 ml x 0.25ml graduation, 3.5 ml draw

Cat. No. 49PT1 **PRICE \$16.00**



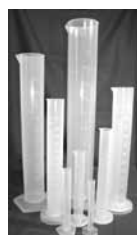
PLASMA BALL (NEBULA OR LIGHTNING BALL)

Students will be fascinated at the mysterious arcs of light emitted from the centre piece of the 200mm diameter ball. An exciting and dazzling display of electrically charged particles that leap (harmlessly) about the palms and fingers as patterns of light are created. Also responds to sound. Includes AC Adapter. PAT tested.



Cat. No. 42PB **PRICE \$84.60**

POLYPROPYLENE MEASURING CYLINDERS



10ml x 0.2ml

Cat. No. 49CP10

PRICE \$1.60

50ml x 1ml

Cat. No. 49CP50

PRICE \$3.20

100ml x 1ml

Cat. No. 49CP100

PRICE \$3.50

250ml x 2ml

Cat. No. 49CP250

PRICE \$5.00

POTATO CLOCK



The Two Potato Clock is designed to demonstrate the principle of an electrochemical cell. The LED clock runs on 2 potatoes, oranges, grapefruits, lemons or cans of fizzy soft drink. Potatoes not included!

Cat. No. 42PC **PRICE \$34.00**

PHOTOSENSITIVE PAPER

SunArt paper is coated with light-sensitive chemicals, which react when exposed to light. When you place objects on the paper, they block the light and the paper underneath them turns white while the paper around them remains blue. Water stops the process and fixes the images on the paper. Learn about the nature of sunlight and how light-sensitive



Cat. No. **PRICE**

SunArt Paper Kit, 4x6 inches, 15 sheets **48SAP46 \$12.95**

SunArt Paper Kit, 5x7 inches, 15 sheets **43SAP57 \$19.95**

SunArt Paper Kit, x10 inches, 15 sheets **43SAP810 \$26.95**

POWER SUPPLY, LOW VOLTAGE, LIONET

Input 220/240 V AC 50/60Hz
Illuminated mains switch
Output: Selected by switch to
2, 4, 6, 8, 10, 12 V.AC/DC



- CE-Approved
- Safer: Instant overload cut-off based on amperage, not heat, at 5.5Amp with switch trip. Reset immediately if required by flick switch. Additional protection with FUSE. Plus a built in fan for cooling at higher output. Intrusion resistant vents.
- Passes P.A.T. test (N.Z.)
- Current: 5 Amps AC/DC.
- DC output is full wave rectified and unfiltered.
- Terminals: spin-free 4mm sockets.

Our most popular student power supply, this general purpose power supply for classroom electrical work where regulation and smoothing is not required.

Excellent for Hodson Light Box and general use. Can be used for simultaneous AC & DC output but unit will cut out at approximately 5.5amp under all circumstances for maximum safety.

Cat. No. 44PSM5 **PRICE \$169.95**

PRISMS

Acrylic, 64mm.



Cat. No. 43P60 **PRICE \$15.60**



Solid:

Prism, White Glass, 25mm, Triangular

Cat. No. 43PGW25 **PRICE \$6.80**

Prism, White Glass, 38mm, Triangular

Cat. No. 43PGW38 **PRICE \$13.20**

RATTLEBACK



The Rattleback demonstrates Newton's laws with the flick of a finger. Due to its offset centre of gravity, this scientific curiosity has a preferred direction of rotation: It wants to spin counter clockwise. It is a semi-ellipsoidal top which will spin on its axis in a preferred direction. But, if spun in the opposite direction, it becomes unstable, "rattles", stops and reverses its spin to the preferred direction. This spin-reversal motion seems, at first sight, to violate the angular-momentum conservation law of physics.

Cat. No. 45RB **PRICE \$3.20**

SCIENCE EQUIPMENT

ROKIT



ROKIT MANUAL

Contains experiments

Cat. No. 44RRM **PRICE \$25.20**

SLIDES

Plain pack/50, washed (Made from optically flat and corrosion-resistant clear glass, ground edges, 75 x 25 x 1.35mm)

Economy Indo

Cat. No. 44MSP **PRICE \$2.75**

SOUND PIPE

Whirling, five possible frequencies.

Cat. No. 46SP **PRICE \$10.80**

SOLAR ENERGY KIT



The components of this basic kit permit the student to connect a solar cell to three different devices to see the conversion of light into electrical power.

The **Electrical energy** is then converted into: **Mechanical energy**: ... to run a fan and to push air from one place to

another, **Mechanical energy**: ... to vibrate a piece of material so it produces sound energy, **Heat energy**: ... to heat a light globe filament so hot that it gives out light!

The kit consists of the following components:

- 1x Solar cell rated at 1.0 Volt and 400 mA under direct sunlight.
- 1x Electric motor specially designed to run at very low voltage.
- 1x Plastic fan to fit to the motor
- 1x Lamp socket and lamp of the correct rating to glow when 1 volt is applied.
- 1x Buzzer, suitable for very low voltage operation.
- 1x Pair of connection cables with Alligator clips at each end.
- Information & instruction sheet.

Cat. No. 42SOLK **PRICE \$22.00**

SPATULA WOODEN

"Ice Block Stick"

Non-sterile, pack 1000, 113 X 12mm.

Cat. No. 48SPW **PRICE \$15.20**

SPRINGS

Super Slinky

Plated metal. 100 x 75 mm dia.

Cat. No. 45SS **PRICE \$14.00**



STETHOSCOPE

Single diaphragm

Cat. No. 48ST251

PRICE \$16.00



STIRRING RODS

PVC, Chemical & heat resistant

8 x 250 mm

Cat. No. 44SR250

PRICE

\$1.80

10+

\$1.60

STOPPERS, RUBBER

Large selection available, size from 9-32mm (Bottom Diameter) with and without hole (See Website for more information)



SYRINGES

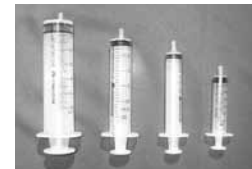
Disposable

5 ml plastic

10 ml plastic

20 ml plastic

60 ml plastic



PRICE

Cat. No. 44SYR5

\$0.50

Cat. No. 44SYR10

\$0.80

Cat. No. 44SYR20

\$1.02

Cat. No. 44SYR60

\$2.60

TEST TUBES

The following test tubes are commonly called 'boiling tubes' and are suitable for use with Bunsens or boiling baths. They are made of thermal shock-resistant borosilicate glass; brand names such as Schott, Pyrex, Kimax (Kimble), Simax and Bomex utilise this glass formulation. **Sold in Packs of 10 unless otherwise stated.** A large range of Pyrex tubes is available; please ask if you do not see the one you want listed here.

125x15mm, Delta Brand, heavy wall, with rim, I.D. 13mm

Cat. No.49TTHW12515 **\$7.50**

150 x 20mm, Delta brand, heavy wall, with rim, I.D. 17.5mm

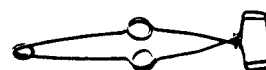
Cat. No. 49TTHW15020 **\$13.20**

150 x 24mm, Delta brand, heavy wall, with rim, I.D. 20mm

Cat. No. 49TTHW15024 **\$13.00**

TEST TUBE HOLDER

To hold tubes 16 x 25mm diameter.



Nickel plated steel.

Cat. No. 44TTH

PRICE \$2.00

TEST TUBE RACKS

POLYPROPYLENE



Holds 6 test tubes 6 x 25mm

Cat. No. 48TTR

PRICE
\$8.00

Holds 2 x 25mm & 4 x 16mm

Cat. No. 48TTR2

PRICE
\$4.00

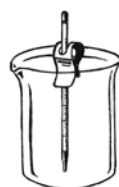


Medium Duty

Cat. No. 48TTRWE

PRICE
\$9.60
\$8.40

20 +



THERMOMETER HOLDERS

Clip type for holding Thermometer to the side of a beaker. Stainless steel.

Cat. No. 48TH **PRICE \$12.65**

THERMOMETER

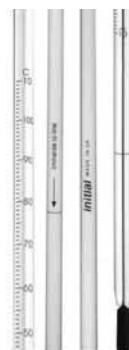
GREEN FILL

This glass thermometer is filled with a harmless green fluid and responds quickly, having a temperature range of -20°C to 110°C . It is calibrated for partial immersion to 76 mm. Length 305mm.

Cat. No. 44TGF **PRICE \$4.20**

TOTAL IMMERSION. Length 150mm.

Cat. No. 44TGF150 **PRICE \$3.80**



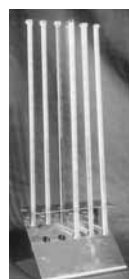
THERMOMETER, RED SPIRIT, GRUN

Yellow enamelled back filled with red spirit. Supplied with top loop fitting. Diameter 6mm. Graduated and supplied in case. Range: -10 to 110 , $\pm 1^{\circ}\text{C}$. 300mm length.



Cat. No. 44TRS **PRICE \$3.80**

THERMOMETER STORAGE RACKS



UPRIGHT STORAGE

Stainless Steel Z-shaped thermometer rack with cushioned bulb rest. This unique rack is designed to hold 12 spirit filled thermometers to accommodate students working in groups of four.

Cat. No. 48TSRSS **PRICE \$19.80**

TIMER

Count Down or up

The ideal timer for the science lab. Count down or up by 1 second intervals.



Cat. No. 06Y1023 **PRICE \$26.40**



TORNADO TUBE™

Demonstrates the vortex type forces present in tornados

Cat. No. 45TT **PRICE \$3.50**

TRIPOD



Triangular cast iron

150mm high. Recommended for shorter Bunsen & Spirit Burners

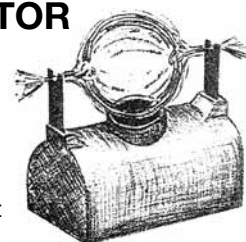
Cat. No. 44TR150 **PRICE \$10.60**

TUBING PVC (price is per meter)

i.d. (mm)	Cat. No.	PRICE
3.2	44PVC3	\$1.00
4.8	44PVC4	\$1.40
6.4	44PVC6	\$1.40
9.5	44PVC9	\$2.60

WORLD'S SIMPLEST MOTOR

Wrap the wire around a D-cell battery, scrape the ends, and the coil is ready to go in one of the world's easiest motors to build. The blister carded package includes everything (except battery) to have the motor together and working in a very short time. The principles of magnetism can be demonstrated as the coil becomes energized in each rotation and pushes against a mounted ceramic magnet with enough energy to keep it spinning. Additional experiments are suggested for hours of fun and learning.



Cat. No. 42WSM **PRICE \$9.45**

TECHNOLOGY

HEAVY DUTY BATTERIES



Cat. No	Type	PRICE
04R3S	AAA	\$0.60
04R6S	AA	\$0.60
04R14S	C	\$1.35
04R20S	D	\$1.35
04R22S	9 Volt	\$1.50



MES BATTEN HOLDER



Screw down holder for MES lamps.

Cat. No. 25BHMS
PRICE \$1.70

Also available ALKALINE BATTERIES

AAA	AA	C	D1	9 volt
Cat. No. 04LR03	Cat. No. 04LR6	Cat. No. 04LR14	Cat. No. 04LR20	Cat. No. 04LR22
\$1.20	\$1.25	\$2.75	\$3.75	\$4.95

WHITE MAG WHEEL

35mm White Mag Wheel
2.4mm Hole, Rubber Tyre



Cat. No. 25MOT020
PK of 10 PRICE \$10.65

LAMP STATION

Lamp Station, SBC, C/W with Banana socket Kit



Cat. No. 42LS	Quantity Discount Applies
PRICE \$18.00 EACH	10+ \$16.65 EACH

L.E.D.

L.E.D. 5.0mm Bag 100 (bulk) Red, Green, Yellow Mixed 100 Mixed Bag.



Cat. No. 25LA0083 PRICE \$17.60

MOTOR

50mm x 27mm Dia, Shaft 13mm Motor. DC 3 volts - 12 volts. Large. 13000RPM @ 0.19 A Unloaded 10400 RPM @ 0.76 A, 4.90 oz/in Torque Max Efficiency.



Cat. No. 25MOT002

PRICE \$3.45

ALLIGATOR CLIP LEAD

Alligator Clip Lead, set of 10 assorted colours with 50mm long Shrouded Alligator clip at each end for simple, quick circuit connection. Overall length 360mm.



Cat. No. 48ACL8 PRICE \$10.90 each

MES LAMPS

Miniature Edison Screw Available as:

Voltage	Cat. No.	PK of 10
1.5 Volt	Cat. No. 25MES15	\$5.50
2.2 Volt	Cat. No. 25MES22	\$5.50
3.8 Volt	Cat. No. 25MES38	\$5.50

- 1.5 or 2.2 Volt for single battery circuit
- 3.8 Volt for 2 battery circuits



BATTERY HOLDERS



Plastic cased holders for 'D' or 'AA' size batteries.

Cat. No.	Battery Type	PRICE
25BH6	2x AA Size	\$1.10
25BH20	1x D Size	\$1.40
25BH0030	4x AA Size With Lead	\$1.20

MOTOR

DC 1.5v to 6v. small



- Torque 6g-cm
 - 2.0mm driveshaft
 - M2 threaded mounting
 - Solder tag terminals
- Voltage: 3 V

AT MAX EFFICIENCY
Efficiency(%): 49.6
Power (W): 0.23
Speed Min (RPM): 3800
Torque (G.CM): 6
Current (AMP): 0.15

Cat. No. 25MOT0020

PRICE \$1.80

DIMENSIONS
Diameter: 15mm (flat side)
Total length: 38.7mm
Shaft length: 9mm
Shaft: 2mm

THERMOPLASTIC POLYMORPH PELLETS

Polymorph is a non-toxic, biodegradable polyester with a low melting temperature of about 60°C (140 F). Prototype plastic parts can be made by simply heating the plastic beads in hot water until they turn clear and then kneading them together and shaping by hand. When it cools it becomes a nylon-like white plastic. Polymorph can be re-used by simply re-heating and re-shaping. Plastic beads are supplied in a heat-sealed plastic bag to prevent spillage during transport.



100g bag 3mm pellets Cat. No. 25ENP4260 **PRICE \$16.80**

1Kg bag 3mm pellets Cat. No. 25PL0100 **PRICE \$76.70**

PLASTIC MIRRORS



60mm x 90mm, Single sided

Cat. No. 48MPSS **PRICE \$1.50**

HOT MELT GLUE GUN

240 volt 40 watt



Cat. No. 25TT0022 **PRICE \$17.90**

GLUE STICKS For Hot Melt Glue Gun

For 200mm long

Cat No 02TG38

QUANTITY	PRICE	
1 Pack of 10	\$6.80	per pk
10+ Pks of 10	\$6.00	per pk
20+ Pks of 10	\$5.40	per pk

ISOTOPIC FERRITE MAGNET

Magnet U Sharpe 30x30x6mm

- Suitable For Craft Uses
- Suited To Close Contact and Holding Uses



Cat. No. 25ETH1873 **PRICE \$1.00**

SYRINGES

for Pneumatics and Hydraulics



PVC syringes all accept 3.2 PVC tubing

Capacity	Cat. No.	Price
5ml	44SYR5	\$0.50
10ml	44SYR10	\$0.80
20ml	44SYR20	\$1.02
60ml	44SYR60	\$2.60

PVC TUBING
3.2mm

Cat. No. 44PVC3

\$1.00 per metre

T SHAPE ADAPTOR

For 3.2mm I.D. PVC tubing

Cat. No. 44PVC3T

PRICE \$1.60

EXTENSION CORDS



Cat. No.	Size	Price
04EC3	3 metre 10 amp	\$6.40
04EC5	5 metre 10 amp	\$8.80
04EC10	10 metre 10 amp	\$14.80

MULTIWAY POWER BOX

The simple way to gain extra power points.

Features overload protection with push-button reset.



4 way model	4 Way	Cat. No. 04PB4	PRICE \$6.40
	6 Way	Cat. No. 04PB6	PRICE \$8.00

INTARACT 4 WAY SURGE GUARD POWER BOARD



Cat. No. 04CX224 **PRICE \$17.35**

TECHNOLOGY

FK145 KIT - STEADY HAND GAME

- The matter is to pass a small wire loop through a thread wire with a lot of bends and obstacles. The person who touches the thread wire with the loop will have the beep tone continue.
- Power supply 3 VDC



Cat. No. 25FK145

PRICE \$11.20

FK156 MINI TRAFFIC LIGHT 3 LED

- This circuit is the chasing light circuit.
- The shape is like the traffic light at the intersection
- Consists of 3 leds
- Power supply 9-12VDC



Cat. No. 25FK156

PRICE \$8.15

FK909KIT - CONTINUITY TESTER

- A simple electronic device circuit used for measuring Ohm values of electrical appliances.
- Measuring range: 1 Ohm-500KOhm.
- Loud noise with high frequency indicates low Ohm value while soft noise with low frequency indicates high Ohm value. Speaker Included
- Power supply: 9VDC.
- PCB dimensions: 1.16 X 1.36 in.
- A very Useful Tool for the model Railroad or Shop for checking wire connections and resistance.



NEW Product

Kit comes complete with circuit board, components, instructions. Requires basic soldering skills and a 15 to 30 watt soldering iron. Solder is included

Cat. No. 25FK909

PRICE \$5.95

ELECTRONIC BUZZER

9-15 volt DC, Standard buzzer for 100's of projects 23mm x 17mm x 15mm.

Cat. No. 25SBP0124 PRICE \$2.40

3-6 volt DC, Standard buzzer for 100's of projects 23mm x 17mm x 15mm.

Cat. No. 25SBP0100 PRICE \$2.40



SLIDE SWITCH MEDIUM

- On-on, DP/ST
- 28mm (hole to hole) x 13mm, 250v 3AMP

Cat. No. 25SW0069

PRICE \$0.70 each



PUSH BUTTON SWITCH (BLACK)

- Switch momentary push button
- 250VOLT, 1 AMP, 21mm x 8mm

Cat. No. 25SW0020

PRICE \$1.00



KNIFE SWITCH

- SP/DT, 10A 12VDC
- 75mm long, 45mm mount

Cat. No. 25SW0180

PRICE \$2.00



SWITCH TOGGLE ON-OFF-ON

SP/DT 3 Pin Panel
250V 3 Amp, 13mm x 7.5mm

Cat. No. 25SW0041

PRICE \$1.75



SOLDER WIRE

- Standard Alloy
- Tin/lead: 40 : 60
- 2% flux solder



250gram 0.8mm Cat. No. 25SA0008

PRICE \$14.50

500gram 0.8mm Cat. No. 25SA0014

PRICE \$28.35

HOOK UP WIRE MIXED (6 Rolls)

6 rolls x 50m Rolls (13 x 0.12mm Strands).
Yellow, White, Green, Blue, Red, Black

Cat. No. 25CBL0300MIX

PRICE \$37.60



SINGLE Hook Up Wire, Stranded Thinned Copper
1x50m, (13x0.12mm) 26 AWG

Cat. No. 25CBL0300

PRICE \$7.50

SOLDERING IRON

240V Duratech (25 - 40 watt). Has a stainless steel barrel and orange cool drip impact resistant handle. Fully electrically safety approved.

SPARE TIPS AVAILABLE.



25w Cat. No. 25ETS1465 PRICE \$19.20

40w Cat. No. 25ETS1475 PRICE \$23.00

POKER WORK MACHINES

With the hot tip on the pencil-like handpiece you can burn lettering or decoration into the surface of wood, leather, and some plastic items. Tip heat can be set to low, medium or high to suit the type of work being done.

Constructed of steel and painted in enamel.

Comes complete with handpieces ready to use.



**SINGLE HANDPIECE
POKER WORK
MACHINE**

Cat. No. 02PWM1

**PRICE
\$142.00**

**FOUR HANDPIECE
POKER WORK MACHINE**

Cat. No. 02PWM4

**PRICE
\$248.80**

POKER WORK MACHINE ACCESSORIES

Spare Poker Work Machine Handpieces, complete with tip.

Cat. No. 02PWH1 PRICE \$24.70

5 Metres Nichrome Wire (makes approx. 60 tips).

Cat. No. 02PWW5 PRICE \$12.00

MAGNIFIER LAMP

High quality 110mm Lens diameter magnifier, with 360 degree screw lock design puts lens and light where you need it.

- Ideal for reading, studying, maps, all arts & crafts, hobbies, biology and much much more.
- For hand held or hands free use.
- Require 2 x 1.5V 'AA' batteries (not included).



Cat. No. 48ML110 PRICE \$18.90

COPPER FOIL TAPE

Use to layout prototype circuits on card board or wood, self adhesive backing is strong, copper side very easy to solder. Adhesive back, 50 metre roll 5.5mm wide 1 mil thick (0.2mm)



Cat. No. 25HW0088 PRICE \$19.60

HOTPLATE, SINGLE



Quality basic Hotplate for general heating, Stainless steel housing, die cast plate, thermostatic control and indicator light.

Cat. No. 44HPS PRICE \$60.00

BATTERY SNAP

9 volt plastic with Leads



Cat. No. 25BS9 PRICE \$0.45

PLASTIC BOTTLES

PLASTIC DROPPING BOTTLE WITH SCREW TOP

Handy PVC bottles can be used to store a wide range of substances.

Ideal for decanting from bulk purchases.

Supplied in packs of 10



Capacity	Cat. No.	PRICE
50ml	49BPD50	\$8.40
100ml	49BPD100	\$9.80
250ml	49BPD250	\$15.90

SPARE TOPS

Cat. No. 49BPDT

\$3.20 PACK 10

ENGRAVER DIAMOND TIPPED



- Engraves any surface eg. glass, ceramics or hardened metal
- Personalize your sporting gear
- Everlasting message on gifts and trophies
- Security identification on valuable appliance

Cat.No. 04E111 PRICE \$88.00

LOCKABLE NOTICE BOARD CABINET



- Size: 900mm h x 600mm w.
- 1 Door enclosed cork notice board for inside use.
- Powder coated aluminium cabinet.
- Shatter proof acrylic window
- Includes 2 keys.

Cat No. 12LNB9060
WAS \$395.00
NOW \$324.00

LOWER PRICE



- 2 Door enclosed cork notice board for inside use.
- Powder coated aluminium cabinet.
- Shatter proof acrylic window
- Includes 2 keys.

LOWER PRICE

(Also Available with glass sliding doors)

Cat No. 12LNB9012 900mm h x 1200mm w. **WAS \$597.00**
NOW \$485.00

Cat No. 12LNB1212 1200mm h x 1200mm w. **PRICE \$559.00**

NEW



(Also Available with glass sliding doors)

- Size: 900mm h x 1800mm w.
- 3 Door enclosed cork notice board for inside use.
- Powder coated aluminium cabinet.
- Shatter proof acrylic window
- Includes 2 keys.

Cat No. 12LNB9018
WAS \$962.00
NOW \$778.00

LOWER PRICE

REMEMBER

If you don't see what you need in our catalogue we can probably get it or make it for you. Just give us a call and we'll find the product especially for you.

PARTITIONS

DESK-MOUNTED PARTITIONS

Add privacy and style with this new range of desk mounted partitions. Available in 3 standard lengths in **Frosted Polycarbonate** and **Blue or Charcoal Fabric**. To fit a 1200mm, 1500mm & 1800mm desk plus an optional 560mm corner panel all 450mm high.

Contemporary brushed aluminium frames clamp to the desk - with everything required to install supplied in one package. Fabric options are pinnable on both sides. 3 Years Warranty.



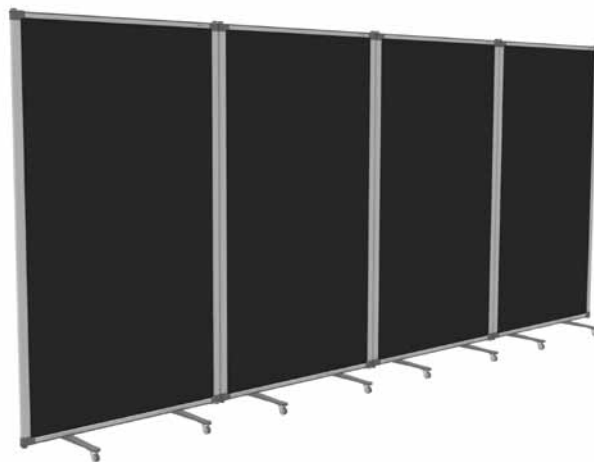
- Simple to install, strong and effective.
- Fabric options - Double-sided & Pinnable.
- All parts complete in one box.
- Clamps fit desk thickness up to 40mm.
- Colour: **Frosted Polycarbonate, Blue, Charcoal Fabric**.

Cat. No.	Height	Length	PRICE
12DM1200	450mm	1160mm	\$208.00
12DM1500	450mm	1460mm	\$237.00
12DM1800	450mm	1760mm	\$260.00
12CP600	450mm	560mm	\$180.00

(optional side panel includes corner post set)

FREESTANDING PARTITIONS

Customise your space with this new style of office and room divider. The exclusive inter-locking system ensures the partitions are stable and robust. Panels can swing through 360 degrees for ease of storage and for creating that unique space. 3 Years Warranty.



- Fabric Options - Double-sided & Pinnable (**Blue, Charcoal**).
- Frosted Polycarbonate Option - Private yet lets soft light through.
- Supplied with removable castors..
- Simple multi partition connector system.
- All parts complete in the box.
- Simple, strong and very effective.

Cat. No.	Height	Wide	PRICE
12FS1200	1200mm	900mm	\$306.00
12FS1500	1500mm	900mm	\$363.00
12FS1800	1800mm	900mm	\$410.00

TROLLEYS

SERVICE TROLLEY - 3 Tier



- 250Kg capacity; Platform Size: 675mm x 445mm, Height 955mm
- Ideal for transporting, stationery supplies, science equipment, food products, books file, etc
- Lightweight and durable construction; plastic shelves with aluminium upright.
- Large 100mm non marking castors for easy manoeuvrability
- Available in Black or White
- Larger Platform sizes available
- 2 Locking Wheels
- Requires some assembly

Cat. No. 0130002

PRICE **\$248.00**

The above trolley is also available in 2 Tier

Cat. No. 0120005

PRICE **\$213.00**

PROJECTOR MOBILE TROLLEY

Height adjustable 945mm - 1320mm, plate size 290mm x 350mm

Cat. No. 01PTU01

PRICE **\$285.00**

NEW
Product



FLAT DECK MESH TROLLEY WITH FOLD DOWN SIDES



- Large 320mm pneumatic wheels.
- 1200x 600 deck size.
- A very versatile robust outdoor trolley for transporting of sport equipment, caretaking supplies etc.

Cat. No. 01FD1840

PRICE **\$299.80**

LIBRARY TROLLEY

A solidly constructed Trolley with 2 large plastic bins designed especially for use in the library. Constructed of 25mm tubular

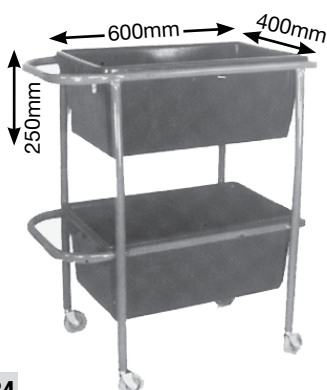
steel finished in baked enamel with 2 plastic bins measuring 600mm long x 400mm wide x 250mm high. Extra bins are available if required. Stands 880mm high with 80mm castors for easy movement.

Cat. No. 01LBT10

PRICE **\$260.00**

Cat. No. 01LBT1B

EXTRA BINS **\$35.00** each



LIGHTWEIGHT FOLDING HAND TROLLEY

This Innovative light weight range of trolleys easily folds down for storing into small spaces such as car boots or cupboard shelves. Once folded, a single action lifts the handle, lowers the platform and locks the wheels into position ready for use.

- Collapsed Height (mm)790
- Extended Height (mm)1060
- Thickness Folded (mm)65
- Overall Width (mm)515
- Wheel Size (mm)170

Cat. No. 01FAR003

PRICE **\$159.00**

NEW
Product



Plat form folds up for storing

METAL MOBILE TOTE TROLLEY

NEW
Product



Cat. No. 01MT12 600 x 550 x 720h

PRICE **\$265.00**

Holds 12 shallow tote trays (75mm)

Cat. No. 01MT24 955 x 550 x 720h

PRICE **\$356.00**

Holds 24 shallow tote trays (75mm)

Cat. No. 01MT36 1355 x 550 x 720h

PRICE **\$448.00**

Holds 36 shallow tote trays (75mm)

PRICES EXCLUDE TOTE TRAYS



SMALL TOTE TROLLEY Double sided

Holds up to 24 small or 12 large trays or a combination of both. Measures 850L x 600W x 700H.

Cat. No. 01TT24

PRICE **\$345.00**

PRICES EXCLUDE TOTE TRAYS

TOTE TRAYS

Handy solid plastic trays measuring 397 x 271 x either 75mm or 150mm deep. Available in grey, blue or red.



Suitable for most Tote Tray Trolleys

Description	Cat. No.	PRICE
Shallow Grey	01TT2	\$6.80
Deep Grey	01TT6	\$7.20
Shallow Red	01TTR2	\$7.40
Deep Red	01TTR6	\$7.60
Shallow Blue	01TTB2	\$7.40
Deep Blue	01TTB6	\$7.60

GRATNELLS FURNITURE SAMPLES



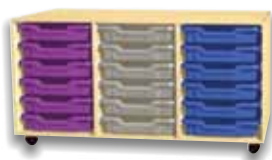
See products and pricing examples below for inspiration!

Let us know what you want, and we will price it for you.

One design = multiple combinations

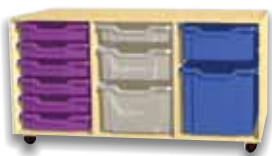
- One wooden unit can hold a variety of trays to cater for all requirements.

01



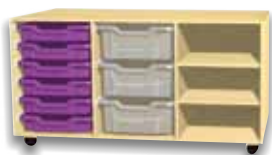
18 shallow trays

02



7 shallow trays, 2 deep trays, 1 extra deep tray and 1 jumbo tray

03



6 shallow and 3 deep trays and 2 shelves
1055mm L x 460mm D x 620mm H

PRICE \$398.00 (Does not include trays)

04



1 shallow, 3 deep, extra deep and 2 jumbo trays

Static tray units

- Each of these combinations can be used in a single unit to suit any classroom.

05



21 shallow trays

06



24 shallow trays

07



12 deep trays

08



6 jumbo trays

Trays on shelves

- Younger children prefer to place trays directly onto shelves which are more suitable for our larger trays.

09



12 deep trays on shelves

1055mm L
460mm D
800mm H

PRICE \$566.00

(Does not include trays)

10



9 extra deep trays on shelves

11



6 jumbo trays on shelves

12



6 deep trays, 4 extra deep trays and 3 jumbo trays

1055mm L
460mm D
1200mm H

PRICE \$622.00

(Does not include trays)

13



3 shallow trays, 3 deep trays, 3 extra deep trays and 3 jumbo trays

14



4 jumbo trays and 2 shelves with doors



See Page 40 for tray measurement.

GRATNELLS FURNITURE SAMPLES

The Gratnells educational tray storage system is extremely flexible. On these pages are examples of how the four different heights of trays can be combined within similar units. The options include mobile and static units along with units using our standard runner.

Modular units for extra flexibility

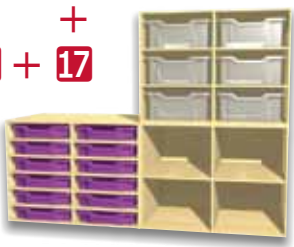
- Similar modules can be adapted in flexible combinations.

15  750mm L
460mm D
600mm H
PRICE \$432.00
12 shallow trays (Does not include trays)

16  6 deep trays
750mm L x 460mm D x 600mm H
PRICE \$306.00 (Does not include trays)

17  Empty unit with shelves
750mm L x 460mm D x 600mm H
PRICE \$264.00 (Does not include trays)

17 + **16**  6 deep trays with shelf unit on top

16 + **15** + **17**  12 shallow trays, 6 deep trays along with empty shelf unit

Open cupboards

- Maximum storage cupboards offer endless possibilities.

18  Cupboard with 48 shallow trays

19  1655mm L
460mm D
1200mm H
PRICE \$784.00
(Does not include trays)

20  Cupboard with 12 jumbo trays
1055mm L
460mm D
1600mm H
PRICE \$738.00
(Does not include trays)

21  Cupboard with 6 shelves and 16 shallow trays
1055mm L
460mm D
1600mm H
PRICE \$676.50
(Does not include trays)


22  Cupboard with 16 deep trays either side of 3 shelves
Open cupboard with 32 shallow trays and 3 shelves

See products and pricing examples below for inspiration!

Cupboards with doors

- Hide or lock away equipment.

23  1655mm L
460mm D
1200mm H
PRICE \$784.00
(Does not include trays)

24  Cupboard with 9 deep trays and doors

25  Cupboard with 24 shallow trays and 2 single GratStack® trolleys underneath

26  Cupboard with top section doors and 2 single GratStack® trolleys underneath



GRATNELLS FURNITURE SAMPLES

NEW
Product

Examples of furniture using Gratnells trays.

The Gratnells educational tray storage system is extremely flexible and can be used in many configurations.

See products and pricing examples below for inspiration!

Other trays

26



8 art trays

27



6 A3 paper trays

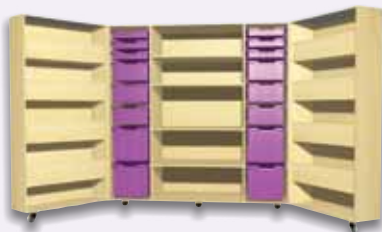
28



4 quadrant trays

Folding cupboards

29



6 shallow, 6 deep and 4 jumbo trays with 4 shelves within a folding door cupboard unit

1055mm L 1055mm L

30



PRICE \$1134.00

12 shallow, 5 deep, 2 jumbo trays and 6 shelves within a folding mobile cupboard unit

31



20 shallow, 4 deep trays, 3 shelves and 2 cupboard doors in a classroom organiser

32



20 shallow trays and whiteboard

Book and art storage

33



1055mm L
460mm D
600mm H

PRICE \$387.00

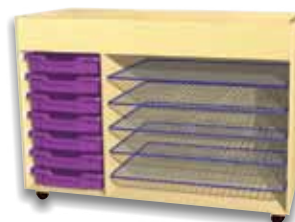
12 shallow trays and 6 top boxes

34



8 shallow trays and 4 top boxes

35



7 shallow trays and 5 wire drying racks

36



4 shallow trays, 2 shelves and 2 wide shelves

37



8 shallow and 4 deep trays in a movable unit with a recessed play top



GRATNELLS FURNITURE SAMPLES

Storage furniture doesn't have to be conventional. A spark of imagination can take school storage off into different directions. Here are some ideas to get you started.

Mixed cupboards

1400mm L x 460mm D x 1000mm H

PRICE **\$820.00** (Does not include trays)

38



9 shallow, 8 deep trays, 3 shelves and a cupboard door

39



72 shallow, 4 deep trays, 8 shelves and 8 cupboard doors

40



4 shallow, 4 deep trays and 1 double GratStack® unit within a cabinet

41



12 shallow, 12 deep trays and 3 double GratStack® units within two tier shelving units and 1 cabinet

42



4 shallow, 4 deep trays and 1 double GratStack® unit within two tier shelving unit

38

Specials

1800mm L x 1400mm H

PRICE **\$1055.00**

43



5 cubby trays within a coat and shoe bench

44



9 shallow and 3 deep trays in a tool cupboard for technology classroom

45



10 shallow trays, 3 shelves and coat hooks allow plenty of storage for pupils within a smaller class
1800mm L x 460mm D x 1200mm H

PRICE **\$888.00**



NEW
Product

See products and pricing examples below for inspiration!

Pre-school furniture

46



6 shallow, 3 deep and changing unit with stairs

47



6 deep trays tilted for easy access and viewing



All our prices exclude G.S.T. Freight charges apply. Prices here in are subject to change without notification.

NEW FROM



**ORDER NOW FOR FIRST CALLERO SHIPMENT
(...ASK US FOR PRICING AND CONFIGURATION ADVICE)**



See Page 40 for tray measurement.

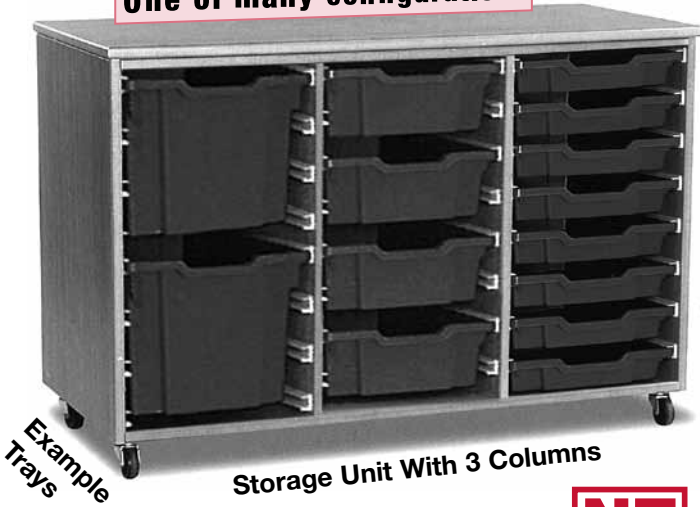


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ACROSS NEW ZEALAND BY
DELTA EDUCATIONAL SUPPLIES LTD**

GRATNELLS EDUCATIONAL STORAGE SYSTEM

INTRODUCING THE WORLD-FAMOUS GRATNELLS EDUCATIONAL STORAGE SYSTEM

One of many configurations



Storage Unit With 3 Columns



Based on the award-winning Grathells Tray this moveable solid wood furniture will place all the benefits of these unique trays in your classroom. Just look at the advantages of the Grathnell trays:

- are Bigger than tote trays
- are Stronger than tote trays
- won't flex & fall down in the trolley
- can be covered with a lid
- have a handle
- are more versatile
- come in 4 different depths
- have a host of inserts for science item storage
- nest one way, stack the other
- store almost anything!
- received a WORLDIDAC Award for Excellence
- are becoming a Worldwide Standard in Educational Storage System!

OPTION 1 800mm High

2 Column storage unit with Nylon Castors

750mm L x 460mm D x 800mm H

Cat. No. 01GRA26

PRICE \$316.00

DOES NOT include Trays

OPTION 2 800mm High

3 Column storage unit with Nylon Castors

1055mm L x 460mm D x 800mm H

Cat. No. 01GRA38

PRICE \$398.00

DOES NOT include Trays

OPTION 3 800mm High

4 Column storage unit with Nylon Castors

1400mm L x 460mm D x 800mm H

Cat. No. 01GRA48

PRICE \$525.00

DOES NOT include Trays

A few example configurations:

- x32 Shallow Trays or x16 Deep Trays or
- x8 Deep + x4 Jumbo Trays

All Trays measure 312mm W x 427mm, Front to back, 4 colours - Blue, Red, Yellow, Green.



F3-JUMBO	F25-EXTRA	F2-DEEP	F1-SHALLOW
300mm H	225mm H	150mm H	75mm H
Cat. No. 01F3	Cat. No. 01F25	Cat. No. 01F2	Cat. No. 01F1
PRICE \$16.80	PRICE \$14.80	PRICE \$12.00	PRICE \$7.80

A number of different foam and vacuum-formed tray inserts are available to assist you in storing all your teaching accessories! Ask us....



Cat. No. 44GINS6 **PRICE \$6.80**



Cat. No. 44GINS3 **PRICE \$6.80**



Cat. No. 44GINS8 **PRICE \$6.80**



LIDS
Translucent clip-on lid fits all tray sizes.
Cat. No. 01LF1 **PRICE \$6.00**


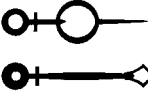








WHY NOT MAKE YOUR OWN COMBINATIONS?

Phone Delta Educational on 0508 654 321

CLOCK MOVEMENTS & NUMERALS

YOUR CHOICE OF HANDS

Supplied with appropriate second hand

- 712 gold serpentine baby  35mm
- 740 black or gold circle med  69mm
- 747 black or gold serpentine large  98mm
- 907 black or gold small contemporary  48mm
- 920 black or gold serpentine small  50mm
- 929 black or gold spade  73mm
- 935 black or gold spear  107mm
- 944 black or gold baton  80mm
- 946 black or gold serpentine med  73mm
- 948A black contemporary  86mm

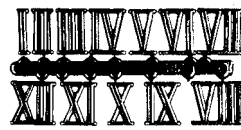
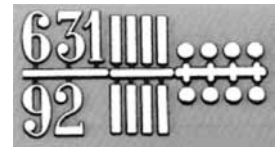
12 MONTH WARRANTY ON ALL CLOCK MOVEMENTS

SELF ADHESIVE NUMERALS

Gold and Black

SET OF 12 NUMERALS			
COLOUR	SIZE	ARABIC	ROMAN
Gold	10mm	02NAMG	02NRMG
Gold	16mm	02NASG	02NRSG
Black	16mm	02NASB	02NRSB
Gold	19mm	02NALG	02NRLG
Black	19mm	02NALB	02NRLB
Gold	25mm	02NAXLG	02NRXLG

DOT/DASH SET 4 NUMERALS			
COLOUR	SIZE	ARABIC	ROMAN
Gold	16mm	02NADSG	02NRDSG
Black	16mm	02NADSB	N/A
Gold	19mm	02NADLG	02NRDLG
Black	19mm	02NADLB	N/A



NUMERALS

1 - 9 **\$3.20**

10+ **\$2.80**

50+ **\$2.40**

LAZY SUSAN BEARINGS

All steel construction to take the heavy loads.



Cat. No.	Size	PRICE
02LS75	75mm x 90kg	\$5.20
02LS10	100mm x 136kg	\$6.80
02LS15	150mm x 225kg	\$8.40

WITH ALUMINIUM HANDS - COMPLETE WITH BATTERY MECHANISM



Cat. No. 02CM1	13 mm shaft 6 mm thread length
Cat. No. 02CM17	17 mm shaft 9.5 mm thread length
Cat. No. 02CM23	23 mm shaft 15 mm thread length

Note - Shaft diameter 8mm on all movements

QUANTITY	PRICE
1-10	\$8.80/ea
10+	\$7.80/ea
50+	\$6.80/ea
100+	\$5.80/ea



Gratnells has been manufacturing its storage system for more than 30 years. School technicians have learned to love the flexible frames & trolleys which can be made up into hundreds of combinations for any situation or equipment.



ORDER NOW FOR FIRST CALLERO SHIPMENT
(...ASK US FOR PRICING AND CONFIGURATION ADVICE)



See Page 40 for tray measurement.



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