

2024 SCIENCE RESOURCES CATALOGUE

RESOURCES YOU CAN TRUST

Serving
Australian
schools
for over
37 years



IT'S ALL ABOUT STOCK!

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**SAVING
TEACHERS
= TIME**

WHY OUR CUSTOMERS CHOOSE ABACUS EDUCATIONAL SUPPLIERS

- When you contact our office, you speak to our friendly team, not an automated call system
- Orders are completed and promptly dispatched
- A wide range of thoroughly researched maths and science kits are regularly updated
- Abacus is a national distributor of Dr Paul Swan titles, Junior Learning and Beanstalk books
- Abacus works in partnership with Oz Harvest to distribute cooking kits Australia wide

TERMS AND CONDITIONS

PRICES

All prices exclude GST which will be added to invoices. The GST amount is clearly isolated on all invoices to simplify refund claims by schools when GST returns are lodged. Prices are correct at the time of printing. Every effort will be made to maintain these, however any unavoidable price changes will be confirmed on placement of the order and will be indicated on the invoice sent with the goods.

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- For **personal orders** you can set up your own account or check out as a guest. Upfront payment is required for these orders.

Fax or Email your order

- **Fax to: 08 9445 7199**
- **Email to: mail@abacused.com.au**

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BACK ORDER POLICY

Any items temporarily out of stock will automatically be placed on a back-order. These items will be noted on your original invoice and will be despatched as soon as they become available. Our delivery charges will be apportioned between your original order and the subsequent back-order.

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Capped shipping Australia-wide	\$14.00 + GST
Storage Frames and Trolleys	\$150.00 + GST

PLEASE NOTE: The above charges may vary if you have ordered large/heavy items or if you require delivery to a remote or off-shore location. Schools will be informed of freight options before orders are processed.

ACKNOWLEDGEMENTS

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Science SUPER SCIENCE TROLLEY

SUPER SCIENCE TROLLEY

2V002

15 Kits



All your essential classroom science needs are now packaged in the **ABACUS SCIENCE TROLLEY**. The convenience of being able to move the trolley around your school maximises its potential.

The Super Science Trolley comprises:

- Class Sets of stopwatches, safety glasses, mirrors and bar magnets
- Electronic components, thermometers, test tubes, measuring tapes and containers
- A wide range of model making requirements is also included

Measures: W 1020mm x D 435mm x H 1030mm (with handles)

15 KITS
INCLUDED
WITH THE
TROLLEY

**For more details on the Super Science Trolley or
to purchase individual kits please visit abacused.com.au**

**PLASTIC CASED
BAR MAGNETS
KIT
2P040**

**FOAM
INSERT**



**DELUXE
MAGNET KIT
2A102**



- 1x Horseshoe magnet
- 2x Iron filing bubble
- 6x Magnetic wands
- 1x Iron filings - 225g
- 100x Magnetic counters
- Magnetic compass
- 4x Plastic ring magnet
- Pack of 6 magnetic pins
- 20x Magnetic marbles

**MEASURING
TAPES KIT
2P088**



**THERMOMETERS
KIT
2P085**



- 1x 30mTape measure
- 2x 10m Tape measure
- 10x 1.5mm Tape measure
- 5x 5m Tape measure

- 5x Multi-purpose classroom thermometer
- 1x Digital dual temperature thermometer
- 10x Boiling point thermometer
- 1x Laboratory immersion thermometer

**ADHESIVES
KIT
2P096**



**LIGHT
RESOURCES KIT
2P095**



- 4x Masking tape
- 4x Glue stick 35g
- 2x Glue gun (low melt)
- 2x Glue gun sticks (50)
- 2x Sticky tac - Packet
- 3x Adhesive tape - 18mm

- 1x Colour paddles
- 1x UV Beads & Torch set
- 6x Candles
- 6x Student torch
- 1x Tea candles - Packet

MULTI-PURPOSE STOPWATCH KIT

1J150-30

- 30x digital stopwatches
- 1x foam insert to protect your stopwatches



RIGID ACRYLIC MIRRORS KIT

2P046-30

- 30x acrylic mirrors - L 150 x W 100mm
- 1x foam insert to protect your mirrors



MAGNIFIERS KIT

2P102

- 5x Bug viewer
- 1x Two way bug viewer
- 30x Fine detail magnifiers class set
- 5x Magnifier - 75mm



MODEL MAKING KIT

2P101

- 2x Balloons - Packet
- 2x Corks - Packet
- 1x Marbles - Jar of 200
- 2x String - Ball
- 1x Wire - Florist
- 1x Cotton Reels - Bag of 120



ALL THE KITS COME IN A DEEP GRATNELLS TRAY WITH LID

WOODEN CRAFT STICKS KIT

3D014

- 2x Wooden pegs - Packet
- 1x Matchsticks - plain (1000)
- 1x Skewers (100)
- 1x Dowel (100)
- 3x Popsticks - Plain wood (500)
- 2x Popsticks - Coloured wood (500)



SAFETY GLASSES KIT

3A038-30

- 30x Student safety glasses
- Protect eyes from splashes and spills
- Adjustable arm for a custom fit 90mm - 125mm



ELECTRONICS COMPONENTS KIT

2B254

Everything you need to teach simple electronics and circuits to your class or a handy top up set for the science storeroom.

- 30x Alligator clips and leads
- 16x Circuit wire pack
- 15x Electric motors with pulleys
- 20x Motor mounts
- 15x Dual AA battery holders
- 15x Slide switches
- 10x Fahnstock switches
- 20x 1.5v globes
- 20x 2.5v flashing globes
- 20x Metal base bulb holders
- 20x Plastic base bulb holders
- 15x Electric buzzers
- 40x AA batteries
- 1x Wire stripper
- 1x Multi-meter



MINI VOLUME KIT

1H202

- 5x Stackable beakers
- 5x Funnels
- 1x Measuring cups (set of four)
- 1x Measuring spoons (set of four)
- 1x Litre jug
- 3x Measuring jug (375mL)
- 3x Large pipette
- 3x Coloured measuring jugs



ALL THE
KITS COME
IN A DEEP
GRATNELLS
TRAY WITH
LID

TEST TUBES KIT

1H163



- 5x Test tube brush
- 2x Test tube rack
- 24x Test tubes (150 x 24mm)
- 5x Test tube metal holder
- 6x Jumbo test tube with stand



For bulk quantities visit www.abacused.com.au

<p>ABSORBENT CLOTHES (20) 2P076</p> 	<p>ALLIGATOR CLIPS (10) 2B150</p> 	<p>ALLIGATOR CLIPS WITH LEADS (10) 2B151</p> 
<p>BAGS - PLASTIC RESEALABLE (100) 2P004</p> 	<p>PRIMARY BUCKET BALANCE 1k005</p> 	<p>BALLOONS - ROUND (45) 2P005</p> 
<p>BALLS - TABLE TENNIS (6) 2P098</p> 	<p>BALLS - TENNIS (4) 2P099</p> 	<p>BAROMETER 2H001</p> 
<p>BATTERY 2B001 AA (4) 2B006 AAA (2)</p> 	<p>BATTERY 2B002 C (2) 2P006 D (2)</p> 	<p>BATTERY HOLDER 2B010-5 AAA (5) 2B011-5 C (5) 2B012-5 D (5)</p> 
<p>BLACKLIGHT UV TORCH 2C155</p> 	<p>BEADS - UV 2C152</p> 	<p>BUCKET - COLLAPSIBLE 11L 2P127</p> 
<p>BULB HOLDERS - METAL BASE (10) 2B060</p> 	<p>BULB HOLDERS - PLASTIC BASE 2B061-10</p> 	<p>BULB HOLDERS - FAHNSTOCK BASE 2B063</p> 
<p>BULBS - 2P035 1.5V (10) 2B050 2.5V (10)</p> 	<p>BULBS - 2.5V FLASHING (10) 2B052</p> 	<p>BULBS - LED 10mm (4) 2B053</p> 
<p>BUZZER (3V-15V) 2B154</p> 	<p>CANDLES - TEALIGHT (30) 2P121</p> 	<p>CARDS A4 300gsm (10) 2P134</p> 

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<p>CHALK 2P111</p> 	<p>ELECTRIC CIRCUIT KIT 2B251</p> 	<p>COAT HANGER WIRE (10) 2P011</p> 
<p>COLOUR MIXING GLASSES 2E007</p> 	<p>COLOUR PADDLES 2C151 Set of 18</p> 	<p>COMPASS - MAGNETIC 35mm 2P012-30 Box of 30</p> 
<p>COMPOST CONTAINER 2H100</p> 	<p>CORD - 100m SPOOL 2P163</p> 	<p>CORKS - PKT (10) 2P013</p> 
<p>COTTON BALLS - PKT (120) 2P016</p> 	<p>COTTON REELS - BAG OF 120 3B150</p> 	<p>CUPS - PAPER 2P020</p> 
<p>CUTTING KNIFE 3A010</p> 	<p>CUTTING MAT - A3 3A012</p> 	<p>DETERGENT LIQUID 2P144</p> 
<p>DIGITAL MULTIMETER 2B350</p> <p>Dimensions (mm) 125 x 68</p> 	<p>ELASTIC - DRESSMAKER'S 2P200</p> 	<p>EYE DROPPERS 2P027</p> 
<p>EYE DROPPERS JUMBO 2L011</p> 	<p>FEATHERS - PKT 2P204</p> 	<p>FILM CANISTER WITH LID 2P022</p> 
<p>FISHING LINE - 200m 2P028</p> 	<p>FOIL - ALUMINIUM 2P030</p> 	<p>FOIL TRAYS - SMALL (5) 2P119</p> <p>Dimensions w x h (mm) 145 x 195</p> 

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<p>FOOD COLOURING - 50ml BOTTLE 2P031</p> 	<p>FORCE METERS SPRING SCALES 1K121 Box of 6</p> 	<p>FUNNEL 75mm (5) 1H156-5</p> 
<p>GLUE GUN LOW MELT 3A019</p> 	<p>GLUE GUN STICKS (225) 3A051</p> 	<p>GLUE STICK - 35g 2P122</p> 
<p>GRADUATED CYLINDERS 1H019 Set of 7</p> 	<p>HYDROPONICS LAB 2H010</p> 	<p>IRON FILINGS (FINE) 2P037</p> 
<p>IRON FILINGS BUBBLE 2A250 2A250-5</p> 	<p>MAGNET CHUNKY HORSESHOE 2A006</p> <p>Dimensions (mm) 120 x 30</p> 	<p>MAGNET GIANT HORSESHOE 2A024</p> <p>Dimensions (mm) 210</p> 
<p>MAGNET HORSESHOE 2A023 Set of 3</p> 	<p>MAGNET - SUPER MAGNETS (PAIR) 2A022</p> 	<p>MAGNET - PLASTIC CASED BAR (PAIR) 2A039</p> <p>Dimensions l x w x h (mm) 80 x 22 x 10</p> 
<p>MAGNET - WANDS (6) 2A010</p> 	<p>MAGNETIC COLOURED MARBLES (100) 2A030</p> 	<p>MAGNETIC COUNTERS (100) 2A012</p> 
<p>MAGNIFIER 2P039 75mm Diameter</p> 	<p>MAGNIFIER - FINE DETAIL (30) 2P047-30</p> <p>Dimensions (mm) 75 x 50</p> 	<p>MAGNIFIER - TWO WAY BUG VIEWER 2E052</p> <p>Dimensions (mm) 190 x 130</p> 

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<p>MAGNIFIER - BUG VIEWER 2E006</p> 	<p>MARBLES (200) 2P042-J</p> 	<p>MATCHSTICKS - PLAIN (1000) 2P044</p> 
<p>MEASURING CUPS 1H050 Set of 4</p> 	<p>MEASURING JUG - 1L 1H061</p> 	<p>MEASURING SPOONS 1H060 Set of 4 Assorted</p> 
<p>MEASURING TAPE - 1.5mm 2P082-10 2P082-30</p> 	<p>MEASURING TAPE - 5m 3A029</p> 	<p>MEASURING TAPE - 10m 1G004</p> 
<p>METAL STRIPS - 50mm 2A015 Set of 12</p> 	<p>MIRROR - FLEXIBLE PLASTIC A4 (5) 2D004-5</p> 	<p>MIRROR - FLEXIBLE 2D003-S 2D003-B</p> <p>Dimensions w x h (mm) 90 x 60</p> 
<p>MIRROR - FLEXIBLE 2P150</p> <p>Dimensions w x h (mm) 150 x 100</p> 	<p>MIRROR - RIGID ACRYLIC 2P046-8</p> <p>Dimensions w x h (mm) 150 x 100</p> 	<p>MIRROR - CONCAVE/ CONVEX (10) 2D006</p> <p>Dimensions (mm) 100</p> 
<p>MODEL CLAY 500g 2P048</p> 	<p>MOTOR MINIATURE VIBRATION 2B102</p> 	<p>MOTOR - MEDIUM ELECTRIC 2B100-10</p> 
<p>MOTOR - UNIVERSAL MOUNT CLIP (10) 2B104-10</p> 	<p>PAPER CLIPS (100) - 2P052 33mm 2P053 50mm</p> 	<p>PAPER TOWEL 2P054</p> 

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<p>PEGS COLOURED - PKT 2P169</p> 	<p>PEGS WOODEN - PKT 2P010</p> 	<p>PERCUSSION SET 2P138 10 pieces</p> 
<p>PETRI DISH 90mm (20) 2L004</p> 	<p>PIPE CLEANERS (100) 2P056</p> 	<p>PIPETTES (50) 2I001-50</p> 
<p>PIPETTES LARGE (3) 2L005</p>  <p>Dimensions (mm) 35 x 225</p>	<p>PLASTIC SHEETS - A4 CORRUGATED (5) 2P148</p> 	<p>PLASTIC WRAP - ROLL 2P058</p> 
<p>PLATE - PAPER, LARGE (20) 3B113</p> 	<p>PLAY DOUGH - 900g 2P049-6</p> 	<p>POLYSTYRENE BALLS - 75mm (10) 3B134</p> 
<p>POPSTICKS PLAIN WOOD (1000) 3D007</p> 	<p>POWDER PAINT - 3 COLOURS 2P184</p> 	<p>PRISMS 2C056 Set of 7</p> 
<p>PROPELLERS - 125mm 3B117-10</p> 	<p>PULLEYS 2F031 5 Single 5 Double 5 Triple</p> 	<p>RUBBER BANDS - SIZE 34 (25g) 2P118</p> 
<p>SAFETY GLASSES 3A038</p> 	<p>SCALES - METRIC (5kg) 1K122</p> 	<p>SCALES - ELECTRONIC (3kg) 1K108</p> 



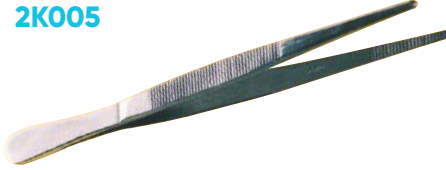




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<p>SCALES - BATHROOM ANALOGUE 1K101</p> 	<p>SCALES - BATHROOM DIGITAL 1K114</p> 	<p>SEEDS RAISING POTS (8) 2P197</p> 
<p>SEEDS RAISING POTS (8) 2H102</p> 	<p>SKEWERS (100) 2P070</p> 	<p>SLINKY SPRING 2F013</p> 
<p>SOLAR CELL MODULE 1.5V 2B204</p> 	<p>SPONGE - KITCHEN (5) 2P073</p> 	<p>SPOONS - WOODEN (12) 2P185</p> 
<p>SPRAY BOTTLE 2P077</p> 	<p>STACKABLE PLASTIC BEAKERS 1H011 Set of 5</p> 	<p>STETHOSCOPE 2K003</p> 
<p>STICKY TAC - PKT 3C020</p> 	<p>STOPWATCH 1J150</p> 	<p>STOPWATCH - SIMPLE 85mm 1J151</p> 
<p>STORAGE - BOX 1 COMPARTMENT SMALL 5A050-12</p> <p>Dimensions (mm) 188 x 118 x 31</p> 	<p>STORAGE - BOX 1 COMPARTMENT MEDIUM 5A051-14</p> <p>Dimensions (mm) 195 x 136 x 66</p> 	<p>STORAGE - BOX 1 COMPARTMENT A4 5A106-3</p> <p>Dimensions (mm) 315 x 230 x 70</p> 
<p>STRAWS - PAPER (250) 2P220</p> 	<p>STRING - BALL 2P081</p> 	<p>SWITCH - FAHNSTOCK 2B160</p> 

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<p>SWITCH-KNIFE 2B157</p> 	<p>SWITCH - LATCHING PUSH 2B159</p> 	<p>SWITCH - SLIDE (5) 2B158-5</p> 
<p>SYRINGES 2L002-10 10mL (10)</p> <p>2L003-10 20mL (10)</p> 	<p>TAPE - MASKING 2P043</p> 	<p>TEST TUBE - 25mm (24) 1H161</p> 
<p>TEST TUBE - JUMBO 40mm (6) 2L012</p> 	<p>TEST TUBE - BRUSH 150mm 1H152</p> 	<p>TEST TUBE HOLDER - WIRE 1H162</p> 
<p>TEST TUBE RACK 1H154</p> 	<p>THERMOMETER - BOILING POINT (10) 2J014</p> 	<p>THERMOMETER - CLASSROOM 2P083</p>  <p>Dimensions (mm) 75 x 380</p>
<p>THERMOMETER - DIGITAL 2J011</p> 	<p>THERMOMETER - DIGITAL PROBE 2J001</p> 	<p>THERMOMETER - LAB IMMERSION 2P084</p> 
<p>TICKER TAPE (54 ROLLS) 1G005</p> 	<p>TIMER - STUDENT ELECTRONIC 1J127</p> 	<p>TIMER - JUMBO 1J124</p> 
<p>TIMERS - SAND LARGE 1J218 Box of 5</p> 	<p>TIMERS - SAND MIDL 1J130 Set of 5</p> 	<p>TOOTHPICKS - PKT 2P110</p> 

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<p>TORCH - STUDENT LED 2P087</p> 	<p>TRUNDLE WHEEL 1G200</p> 	<p>TUBING 3B118 3mm x 1m</p> <p>3B119 6mm x 1m</p> 
<p>TUNING FORKS 2C105 Set of 8</p> 	<p>TWEEZER - METAL 130mm 2K005</p> 	<p>TWEEZER - EASY GRIP 152mm 2K006 Set of 12</p> 
<p>WEIGHTS - METRIC 1K213 58 pieces</p> 	<p>WEIGHTS - STACKING 1K215 Set of 80</p> 	<p>WIRE - CIRCUIT 2B171 Pack of 8</p> 
<p>WIRE - INSULATED 25mm 2P091-R 2P091-B</p> 	<p>WIRE - FLORIST 2P189</p> 	<p>WIRE - MODELING 2P164</p> 
<p>WIRE - STRIPPER 2B156</p> 	<p>WOODEN DOWEL (100) 3D005 300mm</p> 	<p>WOOL 2P092 100gm</p> 

For our full range of science room essentials,
please visit abacused.com.au



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TEST TUBES KIT 1H163

- 5x Test tube brush
- 2x Test tube rack
- 24x Test tubes (150 x 24mm)
- 5x Test tube metal holder
- 6x Jumbo test tube with stand



STACKABLE BEAKERS 1H011

Made of unbreakable plastic, these stackable beakers have a capacity range of 50mL to 1000mL with clear graduations on each beaker. One each of 50, 100, 250, 500 and 1000mL.



GRADUATED CYLINDERS 1H019 Set of 7

Tough polypropylene cylinders in calibrations of 10mL, 25mL, 50mL, 100mL, 250mL, 500mL and 1L.

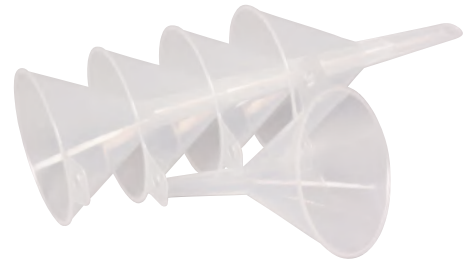


METAL TWEEZERS 2K005 Each



**BLUNT
130mm**

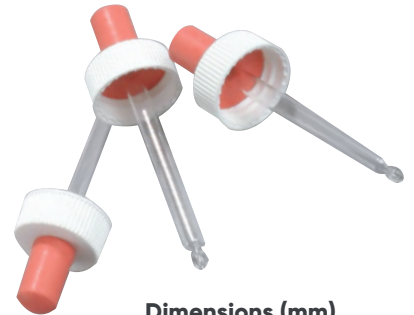
FUNNELS 1H156-5 Set of 5



PETRI DISH 2L004 Set of 20



EYE DROPPERS 2P027 Pack of 10



Dimensions (mm)
100 long

2P027-30 Class set of 30

PIPETTES 2L001-50 Packet of 50

3mL disposable plastic pipettes. 0.5mL graduations. Ideal for comparing volume of small capacity containers.



Dimensions (mm)
160 long

TEST TUBES

- 1H161 Test Tube 150mm x 25mm (24)
- 1H152 Test Tube Brush
- 1H162 Test Tube Holder – Wire Type
- 1H154 Test Tube Rack



PRIMARY SCIENCE SET
2L010 Set of 12

• Ten double-sided Activity Cards (cover science process skills, living and non-living things, physical science, senses and more)

- 1x Beaker
- 1x Magnifying glass
- 1x Funnel
- 1x Eyedropper
- 1x Flask
- 1x Tweezers
- 1x Goggles
- 1x 150mm test tube with lid and stand
- 2x Small test tubes with lids and stand
- 1x Activity Guide



PRIMARY SCIENCE JUMBO EYE DROPPERS
2L011 Set of 6

Extra-large droppers are ideal for developing fine motor skills while learning primary science.

- 6x L 115mm Jumbo droppers
- 1x 110 x 110mm Storage stand



PRIMARY SCIENCE JUMBO TEST TUBES WITH STAND
2L012 Set of 6

The tubes feature calibration marks (25, 50, 75 and 100mL). The multicoloured lids are write-on-wipe off making it easy to label and are safe at temperatures from -10° to 95°C.

- 1x Sturdy Rack
- 1x Activity Guide
- 150mm high x 40mm diameter



LARGE PIPETTES
2L005 Set of 3

Dimensions (mm)
220 long



SYRINGES

- 2L002-10 10mL
- 2L003-10 20mL



EASY GRIP TWEEZERS
2K006 Set of 12

- 12x 150mm tweezers stores in resealable bucket
- 1x Activity Guide



THE SUN, EARTH AND THE MOON ORBITER MODEL

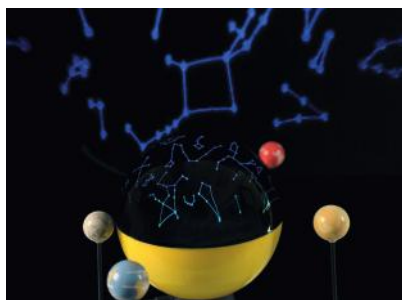
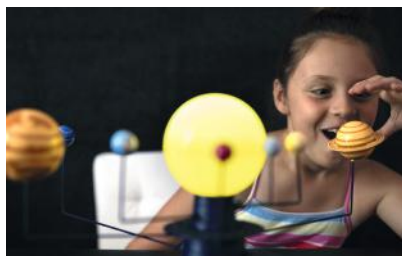
4A015

You can investigate the following:

- How the Earth's rotation causes day and night.
- How the Earth's revolution around The Sun and the tilt of its axis causes seasons.
- Why The Sun rises in the east and sets in the west
- Why there are eclipses and more
- The Sun, Earth and The Moon revolve around one another on this gear driven model.

Includes teachers activity guide. Requires 2x AA batteries (not included).

Measures L 410 x H 300mm and the Sun measures 150mm diameter.

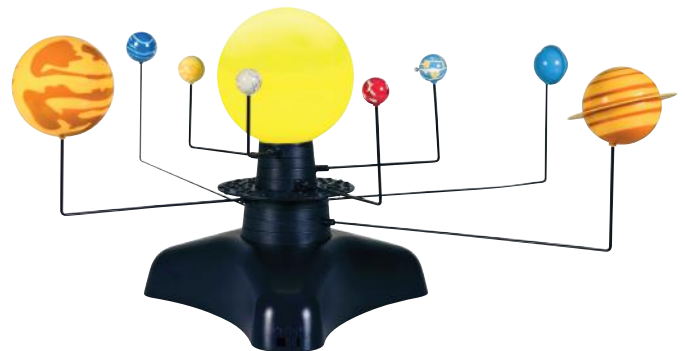


GEOSAFARI® MOTORISED SOLAR SYSTEM

4A012

It's two-in-one astronomy fun! Set up and observe the rotating solar system just like they do in space.

- Base with 8 rotating planets and LED light-up sun
- Constellation dome turns any ceiling into a planetarium
- Night-light feature with auto shut-off
- Requires 4 AA batteries (not included)



GIANT INFLATABLE SOLAR SYSTEM

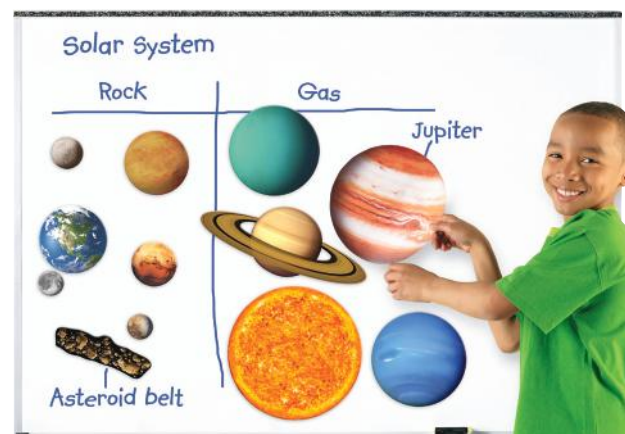
4A010

- Planets measures 130-580mm
- Activity guide
- A convenient foot pump



GIANT MAGNETIC SOLAR SYSTEM

4A011



- 8x planets: Pluto, Sun, Earth's moon, asteroid belt and guide.
- Sun measures 250mm in diameter

MEDIUM ELECTRIC MOTOR

2B100-10 Pack of 10



1.5V-4.5V
3000-4900
rpm MOTOR.
INCLUDES
PULLEY.

MOTOR PULLEYS

2B101-10 Pack of 10
2B101-50 Pack of 50

The motor pulley fits tightly onto the motor shaft to provide direct drive.

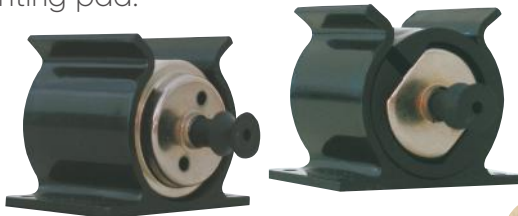


UNIVERSAL MOUNT CLIP

2B104-10 Pack of 10

This versatile clip can be used with a medium motor. Supplied with adhesive foam mounting pad.

****Motor not included**

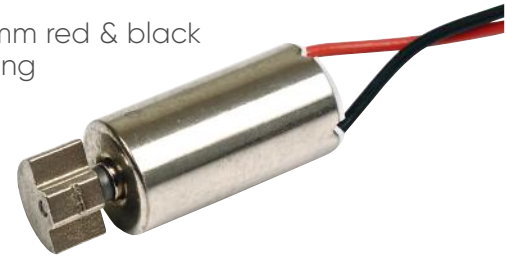


MINIATURE VIBRATION MOTOR

2B102

A miniature vibration motor with a coreless design. Rated at 3V nominal and 14000 rpm, this motor is ideal for use in applications such as robotics.

Pre-wired with 90mm red & black leads and measuring only 12mm long x 6mm diameter.



ELECTRIC MOTOR BOX

2B105



- 10x medium torque motors
- 10x pulleys
- 10x motor mount clips
- Storage Box

BULB HOLDERS

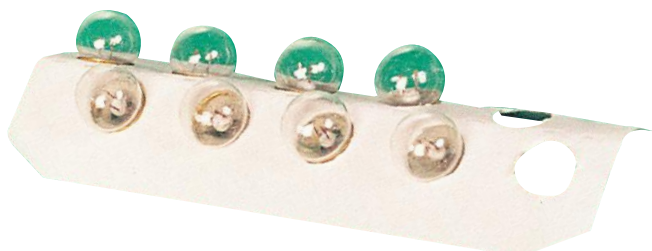
2B060 Metal base (Pack of 10)
2B061 Plastic base (Each)
2B061-10 Plastic base (Pack of 10)
2B061-50 Plastic base (Box of 50)
2B063 Fahnstock (Each)
2B063-10 Fahnstock (Pack of 10)



****Screw type fittings**

BULBS

2P035 1.5V (Pack of 10)
2P035-5 1.5V (Pack of 50)
2B050 2.5V (Pack of 10)
2B052 2.5V Flashing (Pack of 10)



HIGH INTENSITY LIGHT EMITTING DIODES (LEDS)

2B053 Set of 4

These LEDs are 10mm in diameter and are all water clear. When powered they will light up to the specified colour.



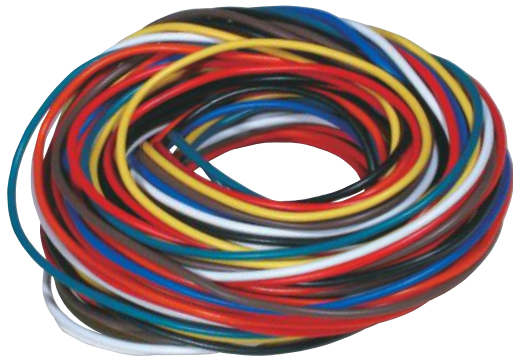
LEADS AND CLIPS

- 2B150** Alligator clips (Packet of 10)
- 2B151** Alligator clips with leads (Packet of 10)
- 2B152** Snap connectors with leads (Packet of 10)
- 2B149** Banana Leads (Pair)



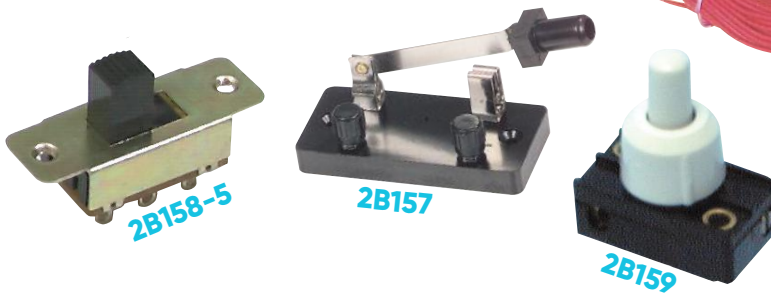
CIRCUIT WIRE

- 2P091-R** 25m circuit wire - Red
- 2P091-B** 25m circuit wire - Black
- 2B171** Circuit wire pack 8 x L 2m



SWITCHES

- 2B157** Knife switch
- 2B158-5** Slide switch (Packet of 5)
- 2B159** Latching push switch



2B156
Automatic
wire
stripper

MINI PIEZO BUZZER 3-16V

- 2B154** Each
- 2B154-10** Pack of 10

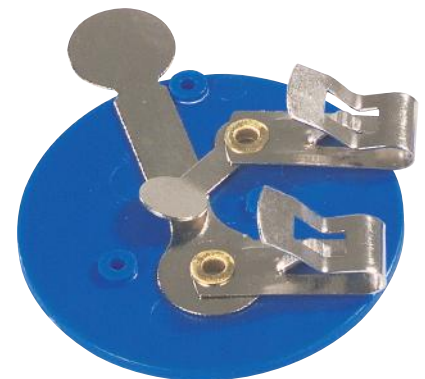
This mini piezo buzzer offers medium to loud sound output (max 90dB), low current consumption and is extremely durable. Measures 22mm diameter and 12mm high.



FAHNSTOCK SWITCH

- 2B160** Each
- 2B160-10** Pack of 10

The Fahnstock switch has special connectors so you can connect the switch into a circuit without having to solder the wires.



UNIQUE AND EASY WAY TO COMPLETE A CIRCUIT WITHOUT SCREWS



ELECTRONICS COMPONENTS KIT 2B254

- 30x Alligator clips and leads
- 16x Circuit wire pack
- 15x Electric motors with pulleys
- 20x Motor mounts
- 15x Dual AA battery holders
- 15x Slide switches
- 10x Fahnstock switches
- 20x 1.5v globes
- 20x 2.5v flashing globes
- 20x Metal base bulb holders
- 20x Plastic base bulb holders
- 15x Electric buzzers
- 40x AA batteries
- 1x Wire stripper
- 1x Multi-meter

ELECTRICITY STARTER KIT 2B250

- 1x Storage container (12 compartment)
- 2x AA battery holders
- 4x AA batteries
- 10x Alligator clips
- 4x Alligator clips plus leads
- 8x 2m lengths of coloured wire
- 1x Slide switch & 1x Push switch
- 1x Single knife switch & 1x Fahnstock switch
- 3x Electric motors and pulleys
- 3x Motor mounting clips
- 1x Buzzer
- 2x Snap connectors
- 10x 1.5V bulbs
- 3x Flashing bulbs
- 10x Bulb holders (economy)
- 3x Bulb holders (plastic base)
- Assorted split pins, paper clips and drawing pins
- Introduction to Electricity Booklet



ELECTRIC CIRCUIT KIT 2B251 2B251-12 2B260

Each
Carton of 12
Bulk Kit

- 2x Batteries
- 1x Battery holder
- 2x Bulb (differing sizes) and bulb holder
- 1x Motor, pulley, and holder
- 1x Switches
- 1x Buzzer
- 2x Wires with clips, additional wires
- 1x Ideas sheet
- 1x Storage box

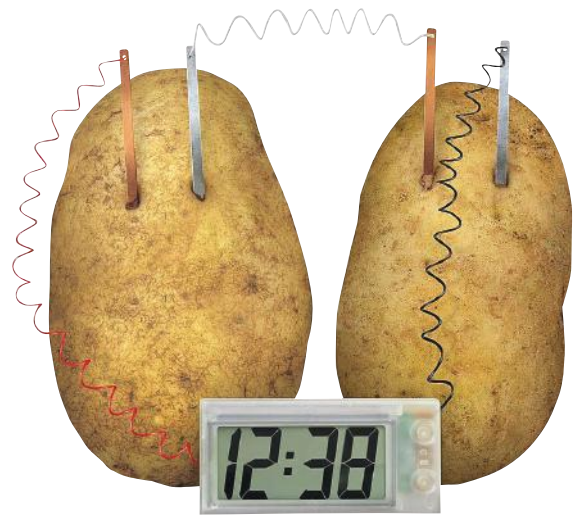


POTATO CLOCK

2B180

You can generate enough electricity to run a digital clock by plugging electrodes into common potatoes!

- Highly accurate digital clock module
- Metal electrodes, wire
- Instructions and fluid beakers
- Clock dimensions: W 65 x H 30 x D 12 mm



BATTERIES

- 2B006 AAA Battery (Pack of 2)
- 2B001 AA Battery (Pack of 4)
- 2B002 C Battery (Pack of 2)
- 2P006 D Battery (Pack of 2)
- 2B003 9V Battery (Each)
- 2B008 CR2032 Button Battery (Each)



TEACHING TIP

THE RIGHT AMOUNT OF POWER

AAA, AA, C and D batteries are all rated at 1.5V. For use with a 2.5V bulb it is recommended to use 2 x 1.5V batteries so as not to destroy the bulbs. You can use more voltage for the bulbs to make them glow brighter but this will shorten its life expectancy.



DIGITAL MULTIMETER

2B350

Full feature meter with plug-in 4mm probes and transistor tester.

- 12.5mm high LCD display
- Transistor test
- Diode test
- 10amp current
- Plug-in leads



BATTERY HOLDERS

- 2B010-5 Dual AA Battery holder (Pack of 5)
- 2B011-5 C Battery holder (Pack of 5)
- 2B012-5 D Battery holder (Pack of 5)



INCLUDES LEADS

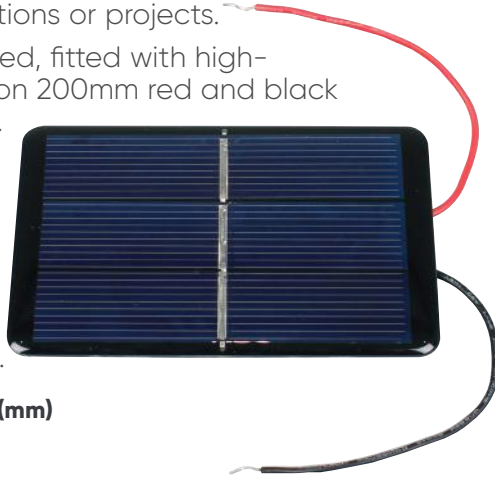
1.5V 400MA SOLAR CELL MODULE

2B204 Each
2B204-8 Set of 8

This high efficiency polycrystalline photovoltaic solar cell is suitable for a wide range of applications or projects.

Resin encapsulated, fitted with high-temperature silicon 200mm red and black connecting wires.

These modules can be connected in series or parallel to obtain the desired voltage or output current.



Dimensions l x w x h (mm)
90 x 60 x 3

6 IN 1 SOLAR EDUCATIONAL ROBOT KIT

2B211



- Construct up to six different projects
- Snaps together for easy assembly
- Solar powered so no batteries are required

6 IN 1 EDUCATIONAL SOLAR KIT

2B209

- Windmill
- Car
- Dog
- Plane
- Airboat
- Revolving Plane



DUAL POWER KIT

2B253

Demonstrate how a 1.5v solar panel can replace a battery with the correct amount of solar energy. This kit comprises enough equipment for 5 students or 5 small groups.

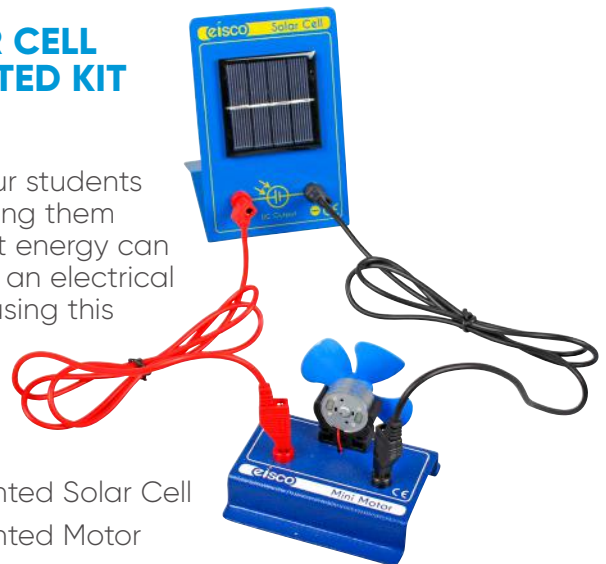
- 5x 1.5v solar panels with leads
- 5x AA batteries and battery holders
- 5x pairs of alligator clips and leads
- 10x 1.5v bulbs and holders



SOLAR CELL MOUNTED KIT

2B229

Wow your students by showing them how light energy can produce an electrical current using this kit.



- 1x Mounted Solar Cell
- 1x Mounted Motor
- 2x Connecting leads (one red and one black)

• The solar cell measures 100mm x 90mm x 130mm and the mini motor measures 75mm x 90mm x 70mm

HALF SIZE SKELETON
2K001

Plastic skeleton is supplied with its own stand.

Helps students understand the principles of bones within the body.

Measures 850mm tall.

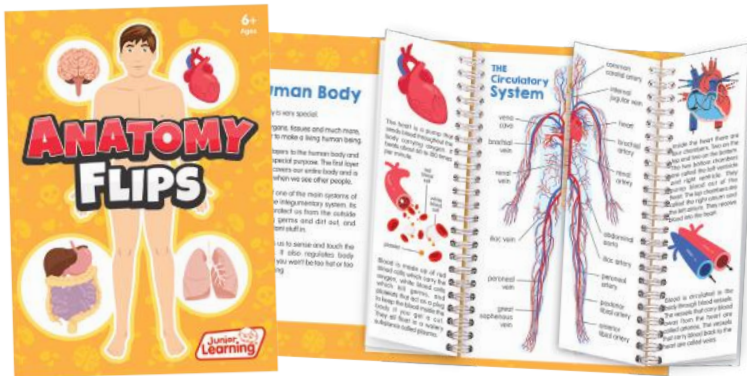


ANATOMY FLIPS

JL647 Flip Book

Learn about the major parts of the body and how they work together. This innovative flip book enables students to explore the different systems that work inside the human body.

Includes skin, muscular, digestive, circulatory, respiratory nervous and skeletal systems. Ages 6+

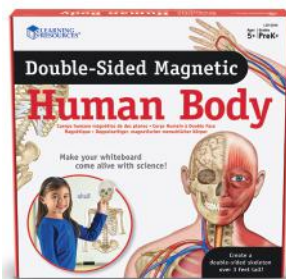


DOUBLE-SIDED MAGNETIC HUMAN BODY

2K124 17 Pieces

Twice the learning—skeletal system on one side and major organs and muscle groups on the other!

Realistically detailed pieces combine to create a body over 920mmH. Includes Activity Guide with reproducible diagrams. Ages 5+.



HUMAN ANATOMICAL TORSOS

These dissectable anatomical torso consist of realistically coloured and detail body parts in the correct proportion and location. They include a photocopyable key to parts, ideal for pupils to learn about the major organs and the physical relationship between them. Available separately.

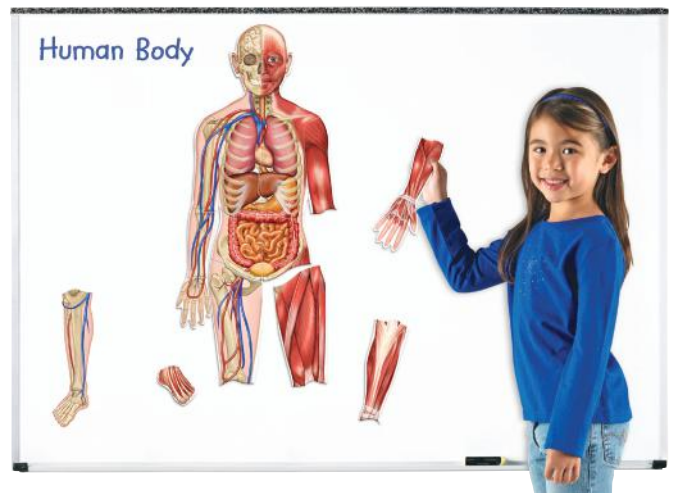
QUARTER-SCALE ANATOMICAL TORSO

2K125 8 Pieces



HALF-SCALE ANATOMICAL TORSO

2K126 11 Pieces



BRAIN ANATOMY MODEL

2K105 **31 Pieces**

Features cerebellum, frontal, parietal, temporal, and occipital lobes; corpus callosum, brain stem, hippocampus, ventricles, insula, corpus striatum, internal capsule, and lentiform nucleus. 31-Piece model measures 100mmH when assembled.



HEART ANATOMY MODEL

2K104 **29 Pieces**

Features superior and inferior vena cava, right and left atria, tricuspid valve, right and left ventricles, pulmonary artery, mitral valve, aortic valve, and aorta. Opens when assembled so students can explore from the inside. 29-Piece model measures 127mmH when assembled.



STETHOSCOPE

2K003
Standard
Bowles

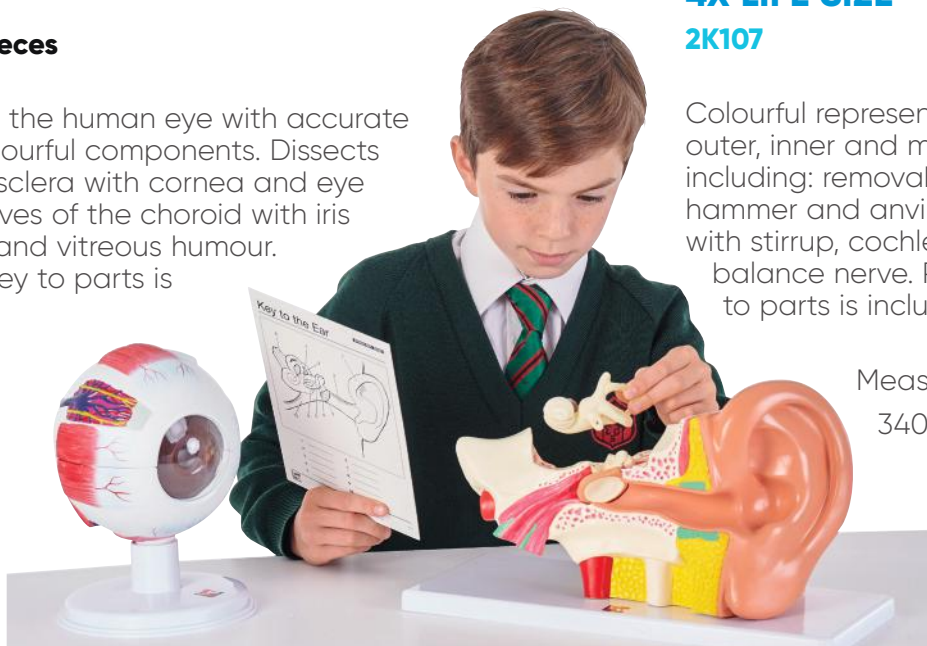


HUMAN EYE
4X LIFE SIZE

2K108 **6 Pieces**

Classic model of the human eye with accurate and detailed colourful components. Dissects into: a two part sclera with cornea and eye muscle, both halves of the choroid with iris and retina, lens and vitreous humour. Photocopiable key to parts is included.

Measures
205 x 130 x
150mm



HUMAN EAR
4X LIFE SIZE

2K107

Colourful representation of the outer, inner and middle ear including: removable eardrum with hammer and anvil, 2-part labyrinth with stirrup, cochlea and auditory/ balance nerve. Photocopiable key to parts is included.

Measures
340 x 160 x 190mm

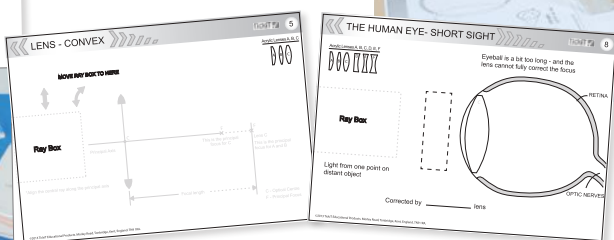
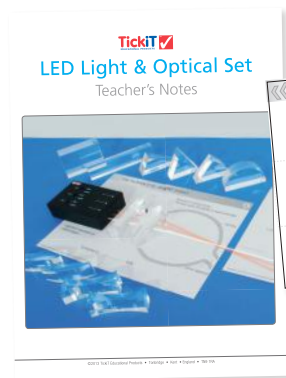
LED LIGHT BOX & OPTICAL SET

2C055

Comprehensive light and optics set which includes a 3 beam ray box (each beam available in dual colours – white or red) and an array of lenses and prisms, teacher's notes and 9 pupil work cards.

3x AAA batteries required.

Recommended for students from 8 years.



DECA PRISM SET

2C054

The set contains ten 25mm thick optical acrylic prisms stored in a foam lined box:

- | | |
|----------------------|-----------------|
| Equilateral triangle | Semicircular |
| Equilateral triangle | Biconvex |
| Isosceles 90° | Biconcave |
| Scalene 90° | Plano - convex |
| Rectangle | Plano - concave |

Size of prism: approx 75mm.



PRISMS - GLASS

2C056

Set of 7 prisms

7 prisms in a wooden storage box. Highly polished 13mm thick glass.

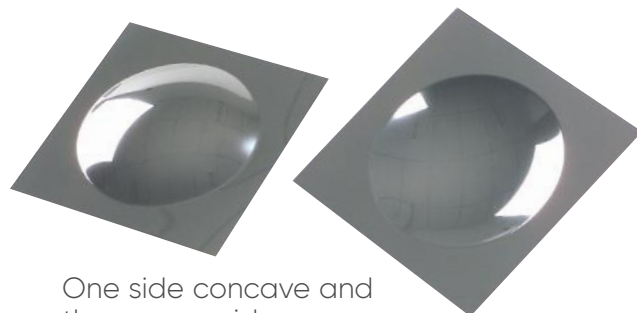
- Equilateral Triangle - 76mm
- Triangular Prism - 50 x 25 x 13mm
- Triangular Prism - 50 x 25 x 19mm
- Semi-circle - 89mm
- Trapezoid - 89 x 33mm
- Double Convex Prism - 89mm with 95mm outer radius
- Double Concave Prism - 89mm with 95mm inner radius



UNBREAKABLE PLASTIC CONCAVE/CONVEX MIRRORS

2D006

Pack of 10



One side concave and the reverse side, convex. Interior mirror 70mm diameter. High quality mirror finish. Measures 100mm square.

UV BEADS AND TORCH

- 2C155** UV Torch
- 2C152** Box of 500 UV Beads
- 2C156** Box of 1000 UV Beads and UV Torch
- 2C158** Box of 200 UV Beads, UV Torch and Laces

UV Light Detecting Beads contain a pigment that changes colour when exposed to UV light from the Sun or other sources like hand-held UV torch. The beads also glow in dark after charging with UV.

The torch measures 95mm x 30mm diameter.



UV & GLOW IN THE DARK



COLOUR MIXING GLASSES

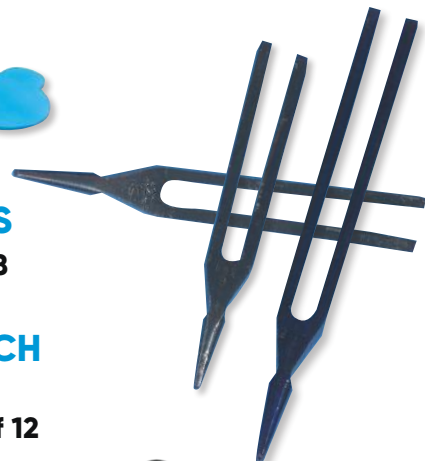
2E007



- Easy-to-change lenses.
- 2 each of red, yellow, blue and distortion lenses.
- Combine 2 lenses per side to teach colour mixing.
- Single lenses teach primary colour identification.
- Colour-mixing guide.

TUNING FORKS

2C105 Set of 8



STUDENT TORCH

2P087 Each
2P087-12 Box of 12



- Includes AA batteries
- Measures 160 x 33mm

PERCUSSION SET

2P1381
Set of 10



- Pair of maracas
- Pair of castanets
- Tambourine
- Triangle and beater
- Pair of claves
- Rhythm-clapper
- Single tone guiro and beater
- Pair of finger cymbals
- Wooden shaker pot
- 13 bell jingle stick

COLOUR PADDLES

2C1512 Set of 18

Transparent 150mm paddles in 6 colours, and three textures.



PLASTIC CASED BAR MAGNETS

2P039 80 x 22 x 10mm Pair
2P040 Class Set

- Colour coded to easily identify each pole
- 30x plastic cased bar magnets measuring 80 x 22 x 10mm
- 2x demonstration bar magnets measuring 130 x 40 x 10mm



Gratnells
SHALLOW Tray

FOAM
INSERT

BAR MAGNETS KIT

2P039-KIT

- 20x bar magnets measuring 80 x 22 x 10mm
- 1x demonstration bar magnet measuring 130 x 40 x 10mm



MAGNETIC WANDS

2A010 Set of 6

Set of six 190mm wands in a rainbow of colours.



METAL RING COUNTERS

2A012 Bag of 100

These transparent plastic counters with a metal edge are a useful addition to any experiment using magnets.

NON-MAGNETIC
Not for whiteboard use



COLOURED PLASTIC MAGNETIC MARBLES

2A030 Tub of 100

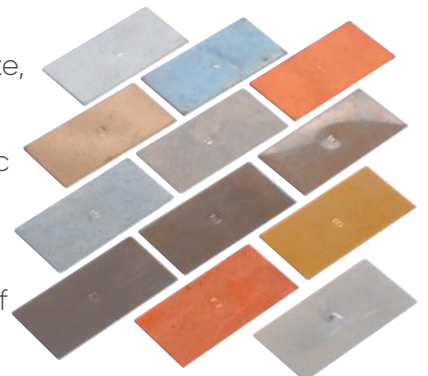
- 100x Plastic marbles in 10 colours.
- Each marble measures 15mm diameter



METAL STRIPS

2A015 Set of 12

- Stamped strips (brass, copper, bronze, nickel silver, mild steel, stainless steel, galvanised steel, zinc and aluminium)
- Very useful for predicting the magnetic qualities of metals
- Measures 50mm



SUPER MAGNETS (PAIR)

2A022

Housed in tough colour coded (Red - North and Blue - South) outer cover the design allows children to safely experience first hand the force of Neodymium – currently Earth’s strongest permanent magnet!

SUPER STRONG



GIANT HORSESHOE MAGNET

2A024

Giant colourful magnet capable of lifting large objects.



H 210mm

MAGNETIC COMPASS
35mm

2P012
Each

2P012-30
Box of 30

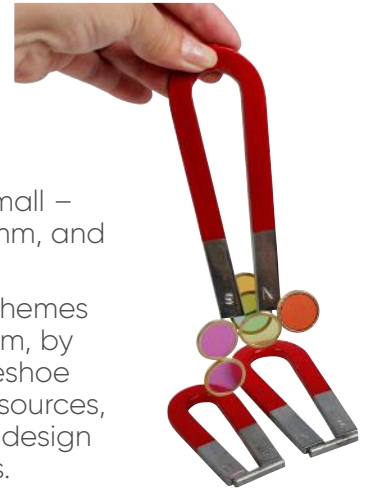


MAGNET - HORSESHOE SET OF 3

2A023

The set of magnets: small – 75mm, medium – 100mm, and large – 125mm.

Explore fundamental themes of force and magnetism, by combining these horseshoe magnets with other resources, such as iron fillings, to design engaging experiments.



CHUNKY HORSESHOE MAGNET

2A006

Measures 120 x 120 x 20mm



IRON FILING BUBBLE

2A250

Each

2A250-5

Set of 5

Iron filings encased in a plastic bubble allow students to observe the effects of invisible magnetic fields easily and cleanly.

Measures 85mm diameter.



IRON FILINGS

2P037

Fine
225g



DELUXE MAGNET KIT
2A102

- 1x 12cm horseshoe magnet
- Set of 6 magnetic wands
- Floating ring set
- 10 plastic bar magnets
- 20 magnetic marbles
- 100 magnetic counters
- Iron filing bubble
- 250gm iron filings
- Magnetic compass
- Pack of 6 magnetic pins

**NEATLY
PACKED
IN A
GRATNELLS
SORTING
TRAY**



**MAGNETISM MATERIALS
TESTING SET**
2A106

- 20x magnetic and non magnetic objects sealed in clear plastic pots
- 2x magnetic wands to test for magnetism
- Materials include: Sea shells, wood, plastic beads, washers, string, chalk, foam, paper clips, brass screws, cloth, paper, drawing pins, pebbles, aluminium foil, polystyrene, feathers, copper clips, nails, stainless steel and rice.



**MAGNETS 'N' MORE
SCIENCE KIT**
2A107

- 2x plastic cased bar magnets
- 1x iron filing bubble
- 20x magnetic counters
- 4x florist wire
- Ideas sheet



FLOATING RING MAGNET SET
2A008-N Set of 4

- 1x stand
- Colour-coded
- Marked with North/South poles
- Ring size: 100 x 20mm



MAGNIFIERS KIT
2P102

- 5x Bug viewer
- 1x Two way bug viewer
- 30x Fine detail magnifiers class set
- 5x Magnifier - 75mm



75mm MAGNIFIER
2P093
Each

2P093-10
Box of 10

2P093-30
Box of 30

- Magnifying glass 75mm diameter
- 2.5x magnification
- Individually packed

FINE DETAIL MAGNIFIER CLASS SET

2P047-30

Box of 30

Robust student magnifier with a built-in fine detail lens.

The dual lenses offer increased magnification.



OPTIMAX KIT
2E010

- 5x Dual view bug magnifiers
- 10x Fine detail magnifier)
- 3x 75mm magnifier

KIDNOCULARS
2E201

- 1x Pair of 'Kidnoculars' binoculars (14 x 18cm)
- 1x 76cm attachable neck strap
- 1x Hand placement guide

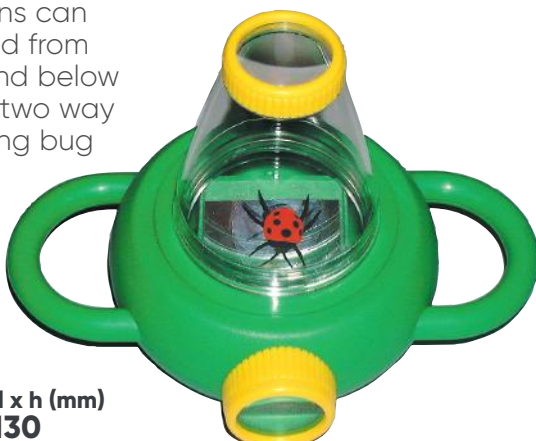


Dimensions d (mm)
75 x 50

TWO WAY BUG VIEWER

2E052

Specimens can be viewed from above and below with this two way magnifying bug viewer.



Dimensions l x h (mm)
190 x 130



BUG VIEWER
2E006

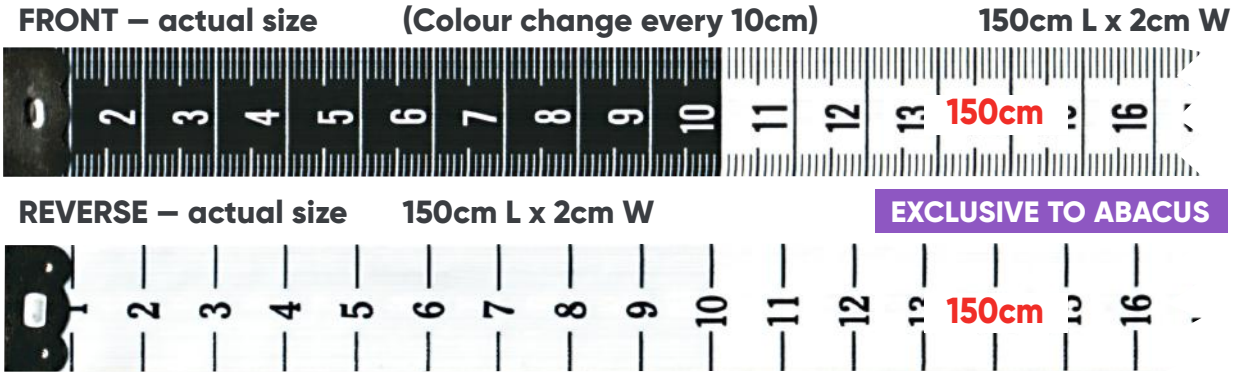
Observe creatures in this viewing pot with 2x magnification lid and 3.5x magnification viewer.

Clear base with micro ruler.

Dimensions (mm)
75 x 55

1.5m ALL METRIC TAPE MEASURE

- 2P082** Each
- 2P082-10** Packet of 10
- 2P082-30** Class set of 30



5m TAPE MEASURE

- 3A029** Each
- 3A029-10** Box of 10

5m x 19mm measuring tape, with blade lock.



10m FIBREGLASS TAPE MEASURE

- 1G004** Each
- 1G004-10** Box of 10

- 10m x 13mm
- Vinyl coating
- Long-lasting
- Water resistant
- Easy to read markings on both sides



30m CASED TAPE MEASURE

- 1G002** 30m

This easy wind-up tape is clearly marked in mm and cm. Durable casing for years of use.



STRING - TWINE

- 2P081** 75m ball



ROPE

- 2P163** 100m spool



MINI LENGTH KIT

- 1G211**

- 1x Fibreglass tape measure, 10m x 13mm
- 27x Rolls of ticker tape, 15mm 10m
- 1x Trundle wheel – packed separately, L 430mm x W 320mm x H 60mm
- 10x Tape measure 1.5m
- 3x Tape measure 5m
- 6x Transparent metre rulers
- 1x Roll of string 75m
- 1x Shallow Gratnells Tray with lid



TRUNDLE WHEEL - WITH COUNTER

1G200 Each
1G200-12 Set of 12

Our lightweight trundle wheel makes measuring long distances easy with its non-slip rubber tyre, its multiple adjustment length handle (adjusts to four different lengths) and its optional counter which can also be reset.



Easy adjustable handle for 4 different lengths



Resettable counter

TICKER TAPE

1G005
Packet of 54



- Measure around parts of body
- 10mm L x 15mm W

MAGNETIC METRE RULER

1Q178 Each
1Q178-4 Set of 4
1Q178-8 Set of 8
1Q178-30 Set of 30

- For use on whiteboards
- Magnetic backing prevents slipping
- Shows the connection between cm and mm
- Bevelled edges prevent pen smudge
- 1000mm x 50mm x 10mm



YOU CAN DRAW STRAIGHT LINES ON YOUR WHITEBOARD WITHOUT RULER SLIPPING

MEASURING TEMPERATURE

LABORATORY IMMERSION THERMOMETER

2P084 Each
2P084-10 Box of 10

- Calibrated -10°C to 110°C . A plastic top connector ensures safe immersion.
- Stored in a plastic case.

Dimensions w x h (mm)
5 x 295

Beakers not included



THERMOMETERS CLASS SET

2P085

- 4x Classroom thermometer
- 1x Digital dual temperature thermometer
- 10x Boiling point thermometer
- 1x Laboratory immersion thermometer
- Gragnells storage tray with lid



DIGITAL PROBE THERMOMETERS

2J001

- Wide range temperature, from -50°C to $+300^{\circ}\text{C}$ (-58°F to $+572^{\circ}\text{F}$)
- Accuracy of $\pm 1^{\circ}\text{C}$ for temperatures up to 200°C
- 1x AAA Battery (included)



CLASSROOM THERMOMETER

2P083

- Indoor and outdoor use
- Range -40°C to 50°C and -40°F to 120°F

Dimensions w x h (mm)
75 x 380



BOILING POINT THERMOMETERS

2J014
Box of 10

- Thermometers measure from -30°C to 120°C and from -22°F to 240°F
- Made of plastic and mercury-free



DIGITAL DUAL TEMPERATURE THERMOMETER

2J011

- Records both indoor and outdoor temperature (Celsius and Fahrenheit) at the same time.
- Includes a 2.7m temperature probe for recording outdoor temperature.
- Powered by 1x AAA battery (included)



SAFETY GLASSES CLASS SET

3A038-30 Box of 30

- Side splash protection
- No more messy hair from goggle straps
- Arms measure: 110mm
- Glasses measure: 120 x 50mm
- Packed in a sturdy Gragnells tray with lid



Sand timers are perfect for use in games, accurate timing and experiments. Also ideal for students who need to develop time limits for certain activities. Large sand timers are a great calming resource for some children. Our sand timers are colour coded, meaning those of the same colour provide the same length of time, regardless of size.

MIDI SAND TIMERS – SET OF 5

1J130

Set contains one each of 30s, 1min, 3min, 5min and 10min sand timers.



Dimensions w x h (mm)
25 x 100

LARGE SAND TIMERS

1J210 Red - 30 second

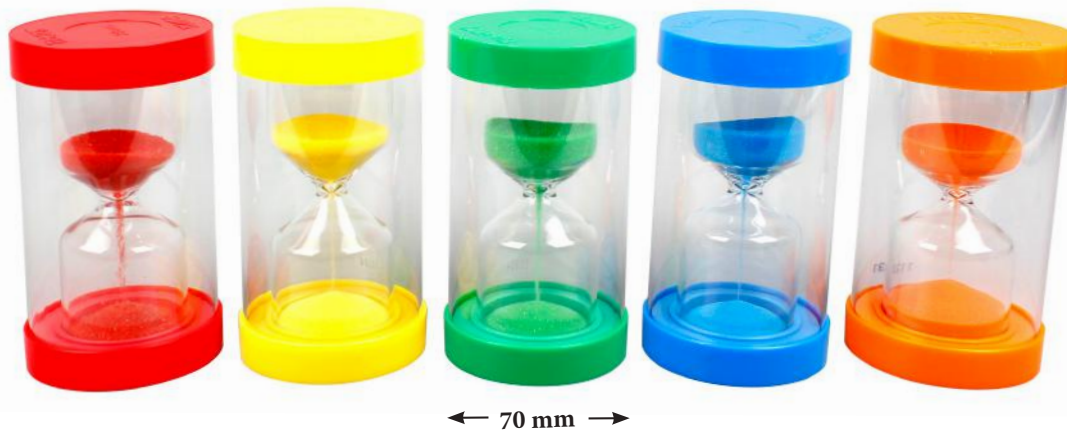
1J211 Green - 1 minute

1J213 Yellow - 3 minute

1J214 Blue - 5 minute

1J216 Orange - 10 minute

1J218 Set of 5 (30 sec, 1 min, 3 min, 5 min, 10 min)



Dimensions w x h (mm)
70 x 160



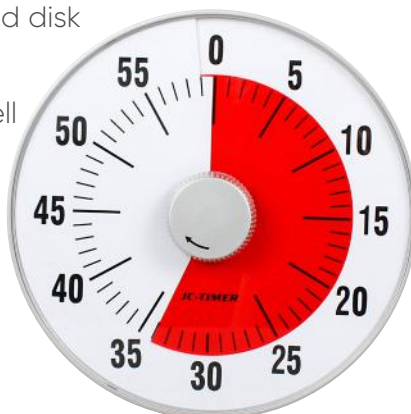
MAGNETIC COUNTDOWN CLASSROOM TIMER

1J187

This 60-minute magnetic timer has a built-in stand for placing on a desk or can easily be attached to your magnetic whiteboard, file cabinet, or any other metal surface in your classroom.

The timer shows a red disk which indicates the time remaining and includes a ringing bell (3 different volumes to choose from) to clearly define when time has ended.

Requires 2x AA batteries.



Dimensions Diameter
180mm

ELECTRONIC TIMER

2P094 Electronic - 24 hr

2P094-5 Set of 5

Digital Quartz 24 hour timer and clock. Battery operated, clear LCD readout. Timer functions up to 24 hours, able to count down from preset time or count up from zero.

Battery included.



Dimensions w x h (mm)
85 x 85



Student Electronic Timer

STUDENT ELECTRONIC TIMER

1J127 Each
1J127-5 Set of 5
1J127-32 Class Set of 32

- The highest time this can go to is 99 minutes and 59 seconds
- Comes with a small stand that allows it to be propped up anywhere in the classroom
- On the back of the timer is a magnet that allows it to be stuck to the whiteboard
- On/off button restricts battery use
- Powered by 1x AAA battery (included)



Dimensions w x h (mm)
650 x 700



Jumbo Timer

JUMBO TIMER

1J124

Large clear digital display, times up or down in 1 second increments. Integral stand and magnet mount, on/off switch.

- Requires 1x AAA battery
- Size of display: 75 x 53mm

Dimensions w x h (mm)
100 x 105



Stopwatches

SIMPLE STOPWATCH

1J151 Each
1J151-5 Set of 5

- Features only 3 buttons—green for go, red for stop, and yellow for clear
- Shows minutes, seconds and 1/100 seconds on an easy-to-read display
- Requires one 1.5V button-cell battery, included



Diameter
85mm

MULTI-PURPOSE STOPWATCH

1J150 Each
1J150-10 Box of 10
1J150-30 Class Set of 30

This water-resistant digital stopwatch features a large display, times up to 30 minutes in 1/100 second, then up to 24 hours in 1/10th second, single event and split timing, month, date and day.



Dimensions w x h (mm)
50 x 80



MEASURING VOLUME KIT 1H201

- View thru geometric solids (set of 14)
- Graduated cylinders (set of 7)
- 3x 1L jug
- 5x Measuring spoons (set of 4)
- Measuring cups (set of 4)
- Stackable plastic beakers (set of 6)
- Litre cube
- 5x Funnels
- Free ideas booklet to teach measurement

Gratnells
JUMBO Tray



Gratnells
DEEP Tray



MINI VOLUME KIT 1H202

- 5x Stackable beakers
- 5x Funnels
- 1x Measuring cups (set of four)
- 1x Measuring spoons (set of four)
- 1x Litre jug
- 3x Measuring jug (375mL)
- 3x Large pipette
- 3x Coloured measuring jugs
- 1x Gratnells Deep Tray with lid

MEASURING CUP 2P045

250mL capacity, marked every 25mL.



1 LITRE JUG 1H061 Each

1H061-5
Set of 5



COLOURED MEASURING JUGS 1H062 Set of 3

Jugs are designed to nest inside of the largest one making storage easy. 250mL, 500mL & 1000mL, 3pcs in a set.



11L FOLD AWAY BUCKET 2P127



Dimensions w x h (mm)
243 x 270

MEASURING WEIGHT KIT 1K251

- 1x 5kg all metric kitchen scale
- 58 piece metric weight set
- 1 x 3kg digital scale
- 1x primary bucket balance
- 6x push and pull spring scales
- 1x stacking weights class set
- Free ideas booklet to teach measurement

PREBOXED
FOR EASY
STORAGE

Gratnells
JUMBO Tray



STACKING WEIGHTS CLASS SET

1K215
Set of 80



- 40x 1g
- 20x 5g
- 10x 10g
- 10x 20g
- Storage container

DIGITAL - BATHROOM SCALE

1K114

Easy to read large digital display and is great for activities involving weighing students or items weighing up to 150kg.

- Glass surface
- Platform 300mm x 310mm
- Graduation 500g
- Battery included
- Auto cut-off, auto zero



Dimensions w x h (mm)
310 x 300

58 PIECE METRIC WEIGHT SET 1K213 Set of 58

Set contains twenty each of 1g and 5g, ten 10g, four 20g, two 100g, and one each of 500g and 1000g weights. Stackable, colour-coded weights come in a plastic storage box.



MECHANICAL - BATHROOM SCALE

1K101

- Large easy to read dial
- 1kg graduation & 130kg capacity

Dimensions w x h (mm)
265 x 250



METRIC SCALE (5kg)

1K122 Each
1K122-10 Set of 10

Measure liquids and solids in removable pans. Easy to read, accurate metric/imperial scales have 5kg capacity.

Dimensions w x h (mm)
180 x 240



(Counters not included)

ELECTRONIC SCALE (3kg)

1K108 Each
1K108-4 Set of 4

- Capacity 3kg
- Graduation 1g
- Clear digital display
- Tare weighing function
- Automatic power off function
- Batteries included



Dimensions w x h (mm)
157 x 215

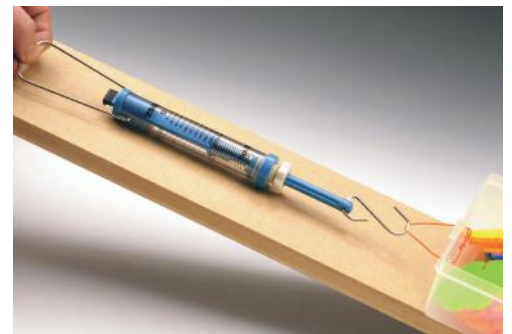


PUSH AND PULL SPRING SCALES



Clear plastic tubes enable students to see spring action. Incorporates unique zero adjustment.

1K115 250g (Blue)
1K116 500g (Green)
1K117 1kg (Brown)
1K118 2kg (Red)
1K119 3kg (White)
1K120 5kg (Yellow)



Dimensions w x h (mm)
23 x 294

PUSH AND PULL SPRING SCALES SET

1K121 Box of 6

Includes one of each 250g, 500g, 1kg, 2kg, 3kg and 5kg.

BOXED SET OF 6 ASSORTED SPRING SCALES

NESTING PAN BALANCE

COMPACT DESIGN FITS PERFECTLY IN TODAY'S CROWDED CLASSROOM

1K008 Pan Balance - Set of 4

This Nesting Pan Balance encourages children to explore measurement and weight. It features an efficient, compact design. Equivalency markings allow students to assign less than, greater than, or equal to symbols to their balance setup so they can demonstrate mass equivalency.

- Includes Getting Started Guide.
- Assembles and disassembles in 3 steps for quick and easy setup and clean-up
- 4 bright colours can be mixed or matched
- Convenient storage/ carrying base with handles





SPACE SAVING STORAGE BASE!

PRIMARY BUCKET BALANCE

1K005 Each
1K005-12 Set of 12

Removable calibrated clear buckets hold solids or up to 400ml of liquid. Easy pour spout makes measuring liquids easy.

Lids can be used as platforms and the built-in drawer is perfect for storing weights.

- 410mm x 160mm x 150mm



PAN BALANCE

1K007 Each
1K007-15 Set of 15



- 1x Pan Balance (with 2x 1000ml pans)
- 5x 5g masses
- 5x 10g masses
- Activity guide
- Measures L 385mm x W 280mm
- Package weighs 600g

STEREO MICROSCOPE 2E050

Designed for observation of various types of 3D specimens and objects. Precision optics provide a wide field of view with good depth of field and high resolution. Rugged metal construction assures years of service.

The head can be raised or lowered on the post to accommodate various sized specimens. Versatile illumination system offers incident or transmitted lighting through the frosted glass stage plate.



- Stand with 45° inclined binocular stereo head
- Pair of 10x widefield eyepieces with rubber eye guards
- Dual focusing knobs, rack & pinion mechanism
- 2x & 4x Objectives for 20x/40x magnification
- Incident (top) & transmitted (lower) 10W halogen illumination
- 4 way switch allows top light, bottom light, both or off
- Frosted glass stage plate 95mm diameter with clips
- 1 Year warranty
- Vinyl dust cover



PETRI DISH 2L004 Set of 20

90mm diameter



BLANK MICROSCOPE SLIDES 2E061 Set of 72

- 72 slides
- 200 cover slips



STUDENT BIOLOGICAL MICROSCOPE 2E066

Entry level student with the basic features for educational use in primary and middle school.

- Monocular viewing head
- LED illumination brightness adjustable
- Detachable AC power adaptor
- Optical glass lenses
- 10x Widefield eyepiece
- 3 Achromatic objective lenses 4x, 10x and 40x
- Plain stage with slide clips 110 × 120mm
- Coaxial coarse and fine adjustment
- Quality construction, metal frame
- 5 years warranty



A2111 - DINO-LITE BASIC MICROSCOPE 2E055

- Capture picture, video and time-lapsed video
- Resolution: 640 x 480 pixels (VGA)
- Magnification: 10x~50x, 200x (Digital) - Continuous without switching lenses
- Built-in white-light 4 LED's illumination
- Frame rate: up to 30fps
- Interface: USB2.0
- Dimension: 10cm (H) x 3.2cm (R)
- Weight: 95g
- DinoCapture v2.0 Software (Included)



AM411T - DINO-LITE PROMICROSCOPE 2E056

- Capture picture, video and time-lapsed video
- Includes microtouch snapshot (PC only) to take photos directly from the device
- Resolution: 1280x1024 (SXGA 1.3M Pixel)
- Built-in white-light 8 LED's illumination
- Frame rate: up to 30fps
- Magnification: 10x~50x, 200x (Digital) - Continuous without switching lenses
- Interface: USB2.0
- Dimension: 10cm (H) x 3.2cm (R)
- Weight: 95g
- DinoCapture v2.0 Software (Included)

MS-08B DINO-LITE MINI STAND 2E067

- Made to fit all Dino-Lite microscopes and can be adjusted for height and rotation
- Great for hands-free focusing
- Measures L 100mm x W 75mm x H 150mm
- ****Microscope not included**



GEOSAFARI® ROCKS & MINERALS COMPLETE SET 2E063

- 5 individual sets: Sedimentary Rocks, Metamorphic Rocks, Igneous Rocks, Minerals and Fossils
- 9 fossils and 12 each of minerals, sedimentary rocks, metamorphic rocks and igneous rocks
- Each set features full-colour identification chart, labels and useful storage tray. Includes activity guide



FOAM INSERT

GOMICRO CLIP-ON MICROSCOPE

2E042 Each
2E042-10 Set of 10
2E042-30 Class Set of 30

- Multi-lens design for high quality images and video
- Can be immersed in water if needed
- Works with most smartphones and tablets
- Super easy to use, no batteries
- Each microscope measures 75mm x 27mm
- Downloadable guide
- Ages 4+



LEAF



TERMITES



SNAKE



SKINK FOOT



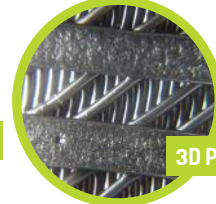
ANT



MOSQUITO



ANIMAL



3D PRINT



PREPARED SLIDE SET

2E060 Set of 40 slides

- Wicked Wings
- Blood and Guts
- Creepy Crawlies
- Incredible Edible
- Plants
- Extraordinary
- Ordinary
- Lily Pad Leap
- Flower Power
- Fun Guys



BUG BLOCK SET C - ANIMAL KINGDOM

2E092 Set of 20

- Leech
- Cuttlefish
- Spider
- Centipede
- Crab
- Long Horned
- Beetle
- Cricket
- Cockroach
- Wasp
- Stink Bug
- Cicada
- Mantis
- Butterfly
- Dragonfly
- Stick Insect
- Fish
- Frog
- Turtle
- Bird
- Mouse



Dimensions (mm)
340 x 255 x 40

MINI BUG BLOCKS

2E093
Set of 8

- Chafer Beetle
- Tiger Beetle
- Bamboo Weevil
- Ladybird



- Scorpion
- Antler Horned Beetle
- Crab
- Locust

Dimensions (mm)
44 x 28 x 15

MINI BEASTS FROG LIFE CYCLE

2E096

- 1x Eggs
- 3x Tadpole (0-6, 6-9, 9-12 weeks)
- 1x Froglet
- 1x Adult Frog

All blocks measure L 6cm x W 3.5cm



MINI BEASTS BUTTERFLY LIFE CYCLE

2E097

- 1x Egg specimen
- 1x Caterpillar
- 1x Chrysalis
- 1x Butterfly

Measurements:

- Eggs, chrysalis, caterpillar: L 7.5cm x W 4cm
- Butterfly: L 7.5cm x W 7.5cm



MINI BEASTS INSECTS AND SPIDERS - SMALL (SET OF 6)

2E094

- 1x Praying Mantis
- 1x Cockroach
- 1x Shield Bug
- 1x Cricket
- 1x Goliath Scarab Beetle
- 1x Spiny Spider

Measurements:

- Shield bug, cricket, spring spider, goliath scarab beetle: L 4.5cm x W 3cm
- Cockroach: L 7.5cm x W 4cm
- Praying mantis: L 11cm x W 4.5cm

CLEAR
LABELS OF
EACH
CREATURE'S
NAME

MINI BEASTS INSECTS AND SPIDERS - LARGE (SET OF 15)

2E095

- 1x Unicorn Beetle
- 1x Blue Leaf Beetle
- 1x Green Rose Chafer Beetle
- 1x Spotted Red Bug
- 1x Grasshopper
- 1x Grass Cicada
- 1x Honey Bee
- 1x Butterfly
- 1x Scorpion
- 1x Wasp Spider
- 1x Ghost Spider
- 1x Tarantula
- 1x Ant
- 1x Wasp
- 1x Termite

Measurements:

- Grass cicada, honey bee, ant, wasp, termite, blue leaf beetle, spotted red bug, green rose chafer
- beetle: L 4.5cm x W 3cm
- Unicorn beetle, grasshopper, wasp spider, golden scorpion, tarantula, ghost spider: L 7.5cm x W 4cm
- Butterfly: L 7.5cm x W 7.5cm



RIGID ACRYLIC MIRRORS

Top quality unbreakable 2.5mm thick mirrors with rounded corners.

2P046-8 **Boxed set of 8**
2P046-30 **Class set of 30**



Dimensions w x h (mm)
150 x 100



GEOMIRRORS

See through plastic surface with special reflective qualities

2D050 **Each**
2D050-15 **Class set of 15**



Dimensions w x h (mm)
150 x 90

FLEXIBLE PLASTIC MIRRORS

Single-sided optically accurate plastic mirrors. Each mirror is covered with a peel-off protective film. Ideal for reflective symmetry.

FLEXIBLE MIRRORS

2D003 **Packet of 10**
2D003-S **Box of 30**
2D003-B **Box of 100**



Dimensions w x h (mm)
90 x 60

FLEXIBLE MIRRORS

2P150 **Packet of 10**
2P150-S **Box of 30**
2P150-B **Box of 100**



Dimensions w x h (mm)
150 x 100

FLEXIBLE PLASTIC A4 MIRROR
2D004-5
Set of 5



Dimensions w x h (mm)
210 x 295

BIFOLD MIRRORS

A great way to teach students about shape, symmetry and geometry. Open these mirrors at right angles and create your own kaleidoscope designs.

BIFOLD MIRRORS
2D023



Mirror segment measures
200 x 140 (mm)

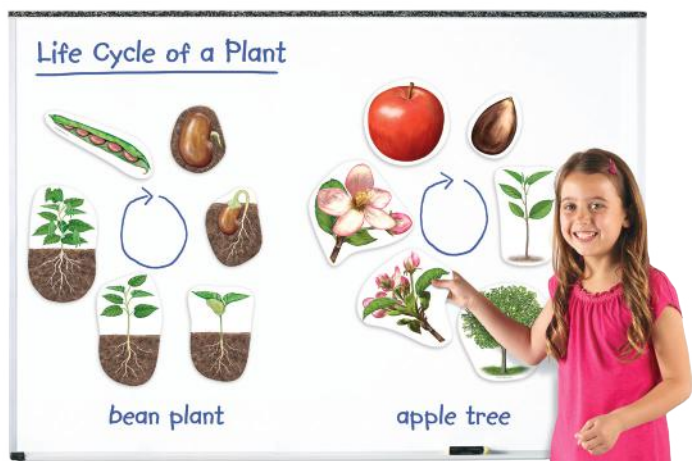
TRIFOLD MIRRORS
2D024



GIANT MAGNETIC PLANT LIFE CYCLE

2K074 Set of 12

Enlarged for demonstration on the whiteboard. Feature realistic illustrations to model up to 6 stages in the life cycle of a bean plant and apple tree. Two life cycles in one! Label-free for versatility. Largest piece measures 225 x 175mm.



GIANT MAGNETIC BUTTERFLY LIFE CYCLE

2K073 Set of 9

Enlarged for demonstration, magnets featuring realistic illustrations model up to 9 stages in the butterfly life cycle. Label-free for versatility. Largest piece measures 225 x 175mm.

SEE THROUGH COMPOST CONTAINER

2H100

Three aerated compartments enable children to view the entire decomposition process clearly and make side-by-side comparisons among different materials. A great way to teach decomposition, composting, life cycles and environmental education. Ages 4+



GIANT MAGNETIC FROG LIFE CYCLE

2K075 Set of 9

Realistically detailed jumbo magnets are designed for demonstration. Model up to 9 stages in the frog life cycle. Largest piece (adult frog) measures L 200mm x H 200mm.



HYDROPONICS LAB

2H010

- 3x shatter-proof plastic test tubes
- 3x stands
- 3x support rod tops
- 3x support rod bottoms
- 3x seed baskets
- Activity Guide
- Ages 5+



POLYDRON

ENGINEER

POLYDRON ENGINEER CLASS SET

1A015 **250 pieces**

- 4x Baseboard
- 5x Hole linkage (various)
- 8x Cam
- 18x Gear (various)
- 12x Pulley (various)
- 2x 'O' Ring (410mm)
- 2x Handle
- 15x Strut (90mm, 180mm, 330mm)
- 26x Stub axle and connector
- 44x Square (various)
- 4x Octagon
- 76x Squares and rectangles
- 32x Triangles
- 2x Cord
- Work cards
- 1x Grattells Deep Tray with lid measuring L 427mm x W 312mm x H 150mm

**250
PIECES**



POLYDRON

STEM

POLYDRON STEM SET

1A016 **486 pieces**

- 4x Baseboards
- 4x Octagons
- 110x Triangles (various)
- 188x Squares and rectangles (various)
- 4x Hexagon (various)
- 21x Struts (90mm, 120mm, 180mm, 250mm, 320mm)
- 23x Gears (various)
- 8x Pulleys (various)
- 3x O Rings (200mm, 270mm, 317mm)
- 11x Hole linkages (various)
- 14x Wheels (various)
- 25x Stub axles and connectors
- 6x Cam
- 2x Handle
- 2x Propellor
- 60x Chain link
- 1x String (3m)
- Work cards
- Teacher guide
- 1x cardboard box measuring L 465mm x W 300mm x H 140mm

**486
PIECES**



POLYDRON

BRIDGES



Draw Bridge



Cantilever Bridge



Pratt Truss Bridge



Deck Truss Bridge

POLYDRON BRIDGES

1A005 322 pieces

- 132x triangles (68 equilateral, 4 large equilateral, 56 right angle, 4 isosceles)
- 114x squares (70 standard, 44 solid fill, 4 with single hole)
- 24x rectangles (14 standard, 2 with holes, 8 with square holes)
- 13x struts (8 long 330mm, 2 medium 110mm, 3 short 80mm)
- 15x plinths
- Attachments (4 pulleys, 2 handles, 2 hinges, 6 eyelets, 4 string, 2 suspension string)
- Work cards and lesson plans
- Grattells Jumbo Tray with lid

Individual square pieces measure 73mm x 73mm.



Cable Stayed Bridge



Suspension Bridge



Howe Truss Bridge

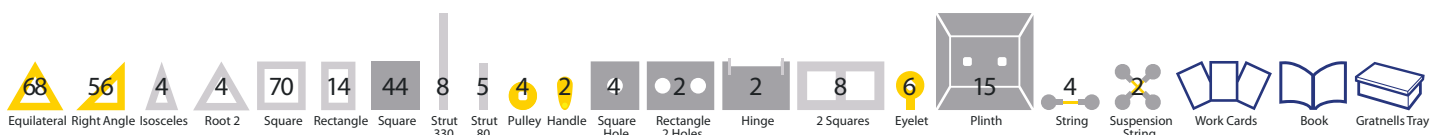


Warren Truss Bridge



**BUILD
ALL 8
BRIDGES
AT ONCE**

**322
PIECES**



BEST SELLER

PUSH AND PULL SPRING SCALES



Clear plastic tubes enable students to see spring action. Incorporates unique zero adjustment.

- 1K115**
250g (blue)
- 1K116**
500g (green)
- 1K117**
1kg (brown)
- 1K118**
2kg (red)
- 1K119**
3kg (white)
- 1K120**
5kg (yellow)



Dimensions w x h (mm)
23 x 294

ROCKETER CANISTER

2F022-10
Set of 10

2F022-50
Set of 50



ROUND BALLOONS

2P005
Pack of 45



NEWTON'S CRADLE

2F026

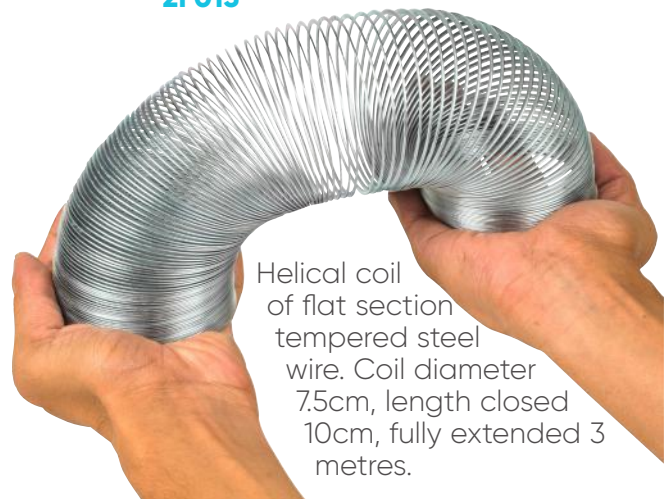
- The base measures W 152mm x L 178mm

- The five balls weigh 4.3g and measure 23mm in diameter



WAVE FORM - HELIX (SLINKY) SPRING

2F013

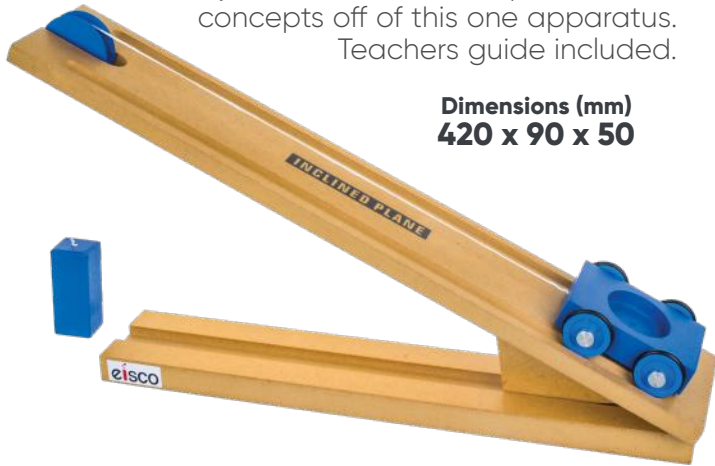


Helical coil of flat section tempered steel wire. Coil diameter 7.5cm, length closed 10cm, fully extended 3 metres.

INCLINED PLANE
2F040

This wooden machine is elegantly designed and easy for students to use. It comes with a built in mass but the cart has a shallow indent for adding additional mass if needed. Student can study several different simple machine concepts off of this one apparatus. Teachers guide included.

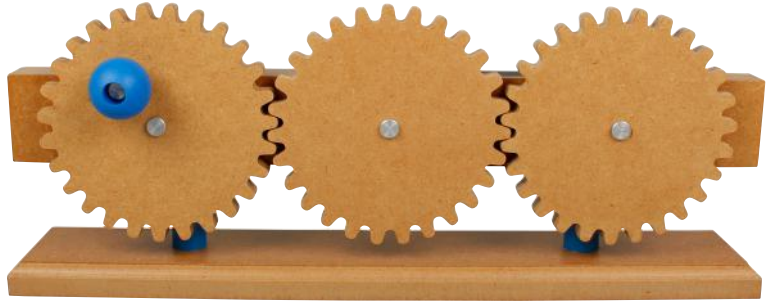
Dimensions (mm)
420 x 90 x 50



SIMPLE MACHINES - GEAR TRAIN
1A304

The sturdy base that sits flush with the tabletop, ensuring stability and safety when being used to demonstrate how moving parts interact.

- 1x Simple Machines – Gear Train is included, measuring L 413mm x W 89mm x H 165mm
- 1x Teachers Experiment Guide



SIMPLE MACHINES - PULLEY
2F041

The pulley system stands on a secure base and is made up of solid wooden and particle board components. The apparatus lends itself to safe, inquiry-based learning.

- 1x Pulley L 165mm x W 89mm x H 410mm
- 1x Teachers Experiment Guide



SIMPLE MACHINE SET
2F018

Contains enough pieces to build a lever, pulley, inclined plane, wheel and axle and a wedge at the same time.

Modify machines with 4 included weights (two 5g and two 10g) and 8 included rubber bands to explore effort, force, load, motion and distance. Includes activity guide.

5 IN 1 VALUE



FORCES PUSH AND PULL KIT
2L020

- 5x 10mL syringes
- 5x 20mL syringes
- 2x airline connector packs
- 10x 250mm tubing
- Teaching notes



PULLEYS
2F031
Box of 15

5 of each single, double and triple pulleys.



COMPACT ANEMOMETER

2J051

Use to show students that it's possible to calculate wind speed using this simple tool, by counting revolutions (using the red cup for reference).

An instructional guide included with the apparatus provides further detail on how to utilise the resource.

Dimensions w x h x d (mm)
220 x 180 x 105



DIGITAL ANEMOMETER

2J050

It is a light weight device and is equipped with the latest magnetic sensing technology which can directly display the air flow speed on the LCD display.

It is a perfect tool for wind measurement, navigation, HVAC, and other areas.

Accuracy: Wind speed: $\pm 5\% \text{rdg} + 0.5$

Temperature: $\pm 2^\circ\text{C}$

Power requirement: 3x AAA (not included)

Dimensions w x h x d (mm)
160 x 50 x 28



BAROMETER

2H001

This is a 300 degree analogue barometer calibrated in millibars of mercury. It also has the classic markings of "Storm", "Change", "Fair", etc. Comes with instruction booklet template, mounting template and screws.

Dimensions:

- Face: 95mm
- Flange: 120mm
- Depth: 37mm



DIGITAL DUAL TEMPERATURE THERMOMETER

2J011

- Records both indoor and outdoor temperature (Celsius and Fahrenheit) at the same time.
- Includes a 2.7m temperature probe for recording outdoor temperature.
- Powered by 1x AAA battery (included)





1. Get Started

Pick an Activity Card with a maze and start building



2. Plan a Path

Use coding cards to help create a step-by-step path



3. Program Colby

Enter the sequence of steps into Colby the mouse



4. Get the Cheese

Watch Colby race to find the cheese

CODE & GO™ ROBOT MOUSE ACTIVITY SET

3E100 **83 pieces**

- 1x Colby the mouse
- 1x Cheese wedge
- 16x Maze grids
- 22x Maze walls
- 3x Tunnels
- 30x Double-sided coding cards
- 10x Double-sided activity cards
- 1x Activity guide



- The mouse measures L 102mm
- This set requires 3x AAA batteries (not included)



SCIENCE STEM APPROACH

Prepare your students for the roles of the future!

Minds will be challenged and imaginations unleashed as students develop skills such as innovation, creativity, reasoning and problem-solving; and technical science skills such as questioning, observing, systematic experimentation, and analysis and interpretation of data.

- Self-assessment
- STEM curriculum links
- Easy to follow lesson plan format, with term overview to start of each unit
- Assessment sheets provided for science knowledge

- 2Q250** Foundation
- 2Q251** Year 1
- 2Q252** Year 2
- 2Q253** Year 3
- 2Q254** Year 4
- 2Q255** Year 5
- 2Q256** Year 6



AUSTRALIAN CURRICULUM SCIENCE

Guide your students through their science inquiry with the newly revised Australian Curriculum Science series. It is fully aligned to V9.0 of the curriculum, so you'll be ready to teach, with this easy-to-follow series that also incorporates science literacy.

Students are introduced to each topic through a text with accompanying comprehension questions, and then engage in a hands-on activity or experiment.

- updated and refined content, with a range of engaging new lessons
- scope and sequence charts for the Australian Curriculum, Version 9.0 and an access link to a digital planning tool
- All years cover the science areas of Biological, Physical, Chemical, Earth and Space science

- 2Q270** Foundation
- 2Q271** Year 1
- 2Q272** Year 2
- 2Q273** Year 3
- 2Q274** Year 4
- 2Q275** Year 5
- 2Q276** Year 6



****Please note that plastic products are currently banned in Western Australian. If your shipping address is in this state, the Science Kits may differ from the images. Kindly check abacused.com.au for more details.**

WEATHER IN MY WORLD

2PC001

Foundation



STAYING ALIVE

2PC002

Foundation



GROWING WELL

2PC005

Foundation



THAT'S MY HAT

2PC006

Foundation



LOOK! LISTEN!

2PC101

Year 1



SCHOOLYARD SAFARI

2PC102

Year 1



BEND IT! STRETCH IT!

2PC105

Year 1



DINOSAURS AND MORE

2PC106

Year 1



PUSH-PULL

2PC201

Year 2



WATERWORKS

2PC202

Year 2



WATCH IT GROW!

2PC203

Year 2



ALL MIXED UP

2PC204

Year 2



MACHINE MAKERS

2PC205

Year 2



NIGHT AND DAY

2PC301

Year 3



FEATHERS, FUR OR LEAVES

2PC302

Year 3



MELTING MOMENTS

2PC303

Year 3



HEATING UP

2PC304

Year 3



PLANTS IN ACTION

2PC401

Year 4



MATERIAL WORLD
2PC402
 Year 4

SMOOTH MOVES
2PC403
 Year 4

BENEATH OUR FEET
2PC404
 Year 4

PACKAGE IT BETTER
2PC405
 Year 4

FRIENDS OR FOES?
2PC406
 Year 4

MAGNETIC MOVES
2PC407
 Year 4

AMONG THE GUM TREES
2PC408
 Year 4

LIGHT SHOWS
2PC501
 Year 5

DESERT SURVIVORS
2PC502
 Year 5

WHAT'S THE MATTER?
2PC503
 Year 5

EARTH'S PLACE IN SPACE
2PC504
 Year 5

MARVELOUS MICRO-ORGANISM
2PC601
 Year 6

CHANGE DETECTIVES
2PC603
 Year 6

EARTHQUAKE EXPLORERS
2PC604
 Year 6

ESSENTIAL ENERGY
2PC605
 Year 6

CREATORS AND DESTROYERS
2PC606
 Year 6

CIRCUITS AND SWITCHES
2PC607
 Year 6

Digital versions of Primary Connections® Units are available on primaryconnections.org.au.

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AWARD WINNING TRAYS

Gratnells School Trays have won an international award for their special design for education. They are ideal for storing maths, science and construction kits.

The trays are made of extra strong 20% talc filled polypropylene and can be nested or stacked by reversing.

Available in six colours and three sizes. You can purchase the inserts and lids separately.

	SHALLOW Dimensions (mm) H75 X W312 X L427	DEEP Dimensions (mm) H150 X W312 X L427	JUMBO Dimensions (mm) H300 X W312 X L427
Blue	 5B001-B	 5B002-B	 5B003-B
Red	 5B001-R	 5B002-R	 5B003-R
Yellow	 5B001-Y	 5B002-Y	 5B003-Y
Light Blue	 5B001-LB	 5B002-LB	 5B003-LB
Lime Green	 5B001-LG	 5B002-LG	 5B003-LG
Translucent	 5B001-T	 5B002-T	 5B003-T

SHALLOW TRAY LID	DEEP TRAY + LID	JUMBO TRAY + LID
 5B001-B-L	 5B002-B-L	 5B003-B-L
 5B001-R-L	 5B002-R-L	 5B003-R-L
 5B001-Y-L	 5B002-Y-L	 5B003-Y-L
 5B001-LB-L	 5B002-LB-L	 5B003-LB-L
 5B001-LG-L	 5B002-LG-L	 5B003-LG-L
 5B001-T-L	 5B002-T-L	 5B003-T-L

CLIP ON LIDS

5B010

Clip-on Lids





ADJUSTABLE FRAMES

TALL STORAGE

Gratnells tall frames are the key to successful storage. The tall frames are complete with tops, adjustable feet, and back diagonal bars for additional rigidity.

This frame is designed to hold standard Gratnells trays in a variety of configurations. Clip-on lids can be fitted to trays if required.

DESIGN YOUR STORAGE AT ABACUSED.COM.AU & ENQUIRE ABOUT OUR COMPLIMENTARY LABELLING SERVICE



CONFIGURE YOUR REQUIREMENTS

5B076

Treble Column Frame
 1055mm (w) x 420mm (d) x 1850mm (h)
 Steel Tray Runners (pair)

5B079

INCLUDES RUNNERS AND TRAYS IN YOUR COLOUR CHOICE

- 5B089** **Combination Frame (16 shallow trays, 9 deep trays, 5 jumbo trays)**
- 5B086** **Deep Treble Frame (27 deep trays)**
- 5B088** **Jumbo Treble Frame (15 jumbo trays)**

All frame packages are available in the following tray colours:

CHOOSE YOUR TRAY COLOUR



Storage CALLERO DOUBLE COLUMN TROLLEYS

Callero double width units are ideal for smaller spaces. Each storage unit comes complete with trays in your choice of colour and both castors and feet so you can choose static or mobile use in your classroom. StopSafe runners are supplied as standard with Callero so you can pull the trays outward without worrying about them dropping.

ADD A LID! TRAYS WITH LIDS WILL FIT INTO ALL TROLLEYS 5B010 CLIP ON LID



Callero Double Trolley – SS Unit

Width - 690mm
Depth - 435mm
Height - 860mm (1030mm with handle)

CHOOSE YOUR TRAY COLOUR



5C060
Callero Double Trolley – DD Unit



5C062
Callero Double Trolley – SD Unit



5C063
Callero Double Trolley – SJ Unit



5C064
Callero Double Trolley – DJ Unit



5C061
Callero Double Trolley – JJ Unit

CALLERO TROLLEYS

The whole range of stylish Callero trolleys feature high curved tubular handles, which means books and other materials can be safely stocked without falling off.

Trolleys are supplied with both wheels and feet so they can be used as a moveable trolley or a stationary frame.

Dimensions are the same for all trolleys:

Width - 1020mm

Depth - 435mm

Height - 860mm (1030mm with handle)

SINGLE COLOUR CONFIGURATIONS



5C010-LG

Callero Treble Trolley – SSS Unit



5C015-B

Callero Treble Trolley – DDD Unit



5C013-T

**All trolley configurations are available with translucent trays.*



5C018-Y

Callero Treble Trolley – JJJ Unit



5C012-Y

Callero Treble Trolley – SDD Unit

CHOOSE YOUR TRAY COLOUR



5C016-R

Callero Treble Trolley – DDJ Unit



5C017-LB

Callero Treble Trolley – DJJ Unit

ABACUS EDUCATIONAL SUPPLIERS

• Maths • Science • Literacy • Storage

**ELECTRONICS COMPONENTS
CLASS KIT
2B254**



**MEASURING VOLUME KIT
1H201**



**THEMED COUNTERS KIT
1B215**



**PATTERN BLOCKS CLASS SET
1M102**



**SOCIAL & EMOTIONAL
LEARNING KIT
6B200**



**POLYDRON SUPER KIT
1A007**



**BOND BLOCKS TROLLEY
DPS5100**

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