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These fantastic teacher resources are included as a free bonus with many of our new curriculum aligned science kits. Look for this bubble

BONUS BOOK



**NEW**

## Discovering Science Book Series

The Discovering Science Teacher book series is fully aligned to the Australian Curriculum and covers each of the three interrelated science strands - Science Understanding, Science as a Human Endeavour and Science Inquiry Skills and also the related sub-strands. It includes subject planners, week-by-week lesson plans and assessment record sheets for the teachers, as well as worksheets, resource and self-evaluation sheets for the students. Each lesson plan includes content descriptions, required resources, skills, a step-by-step activities section, extension activities and assessment ideas.

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The curriculum links for each of the kits are shown where you see this icon.



## Science Kits for the Australian Curriculum

The MTA Engaging with Science Kits have been specifically designed to use in conjunction with many of the available commercial Science programs that follow the Australian Science Curriculum (ACARA). The kits contain many of the suggested resources needed to complete lots of the activities set out in programs such as Hawker Brownlow's, R.I.C. Publications's Hands-on Science and the Australian Academy of Science's Primary Connections. All kits come in their own large container with lid and can be stacked and shelved in optional racking. Please note: we do not supply the programs with the kits. We supply the materials that can assist with using these programs.

### Biological Science Foundation Kit **NEW**

TFC57001 Kit \$219.95

This kit is appropriate for Foundation level students and can be used to demonstrate the basic requirements for living things. Contents may vary.

- Blindfolds
- Bucket - Collapsible
- Card A4 300gsm
- Cotton Balls
- Cups - Plastic Clear
- Dots - Self Adhesive - Blue
- Dots - Self Adhesive - Red
- Eucalyptus Oil
- Exploring Animals Chart Pack
- Funnel
- Glue Stick 35g
- Gratnells Clip-on Lid
- Gratnells Jumbo Tray - Blueberry Jelly
- Masking Tape
- Modelling Clay
- Popsticks - Plain
- Seeds Assorted
- Self-Adhesive Notes
- Spray Bottle
- Stopwatch - Multipurpose
- Straws - Clear
- Whistle

Living things have basic needs, including food and water. (ACSSU002)

- Identifying the needs of humans such as warmth, food and water, using students' own experiences
- Recognising the needs of living things in a range of situations such as pets at home, plants in the garden or plants and animals in bushland
- Comparing the needs of plants and animals

BONUS BOOK



### Earth & Space Sciences Foundation Kit **NEW**

TFC57002 Kit \$219.95

Explore Day and Night and the 4 Seasons with this kit for foundation level students. Contents may vary.

- Balsa Wood
- Bucket - Collapsible
- Card A4 150gsm
- Card A4 300gsm
- Clothes Pegs Wood
- Coat Hanger Wire
- Corrugated A4 Plastic Sheets
- Cotton Twine
- Glue Stick 35g
- Gratnells Clip-on Lid
- Gratnells Jumbo Tray - Kiwi Jelly
- Hessian
- Inflatable Globe
- Map of World
- Masking Tape
- Self-Adhesive Notes
- Thermometer Classroom
- Thermometer Digital
- Thermometer Immersion

Daily and seasonal changes in our environment, including the weather, affect everyday life (ACSSU004)

- Linking the changes in the daily weather to the way we modify our behaviour and dress for different conditions, including examples from different cultures
- Investigating how changes in the weather might affect animals such as pets, animals that hibernate, or migratory animals
- Learning how Aboriginal and Torres Strait Islander concepts of time and weather patterns explain how things happen in the world around them



BONUS BOOK



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



## Year 1

**Biological Sciences Year 1**

TFC57003 Kit \$169.95

**NEW**

Compare the external features of living things with your Year 1 students using this kit. Contents may vary.

- Dessert Spoon Plastic
- Exploring Animals Chart Pack
- Gloves Disposable
- Gratnells Clip-on Lid
- Gratnells Jumbo Tray - Blueberry Jelly
- Jar
- Life Cycle of a Butterfly Poster
- Magnifier Bi-Focal
- Magnifying Glass 75mm
- Manilla Folders
- Paint Brushes
- Rope
- Self-Adhesive Notes
- Spray Bottle

Living things have a variety of external features (ACSSU017)

- Recognising common features of animals such as head, legs and wings
- Describing the use of animal body parts for particular purposes such as moving and feeding
- Identifying common features of plants such as leaves and roots
- Describing the use of plant parts for particular purposes such as making food and obtaining water

**BONUS BOOK****Physical Sciences Year 1**

TFC57004 Kit \$229.95

**NEW**

Have fun exploring Light and Sound with this Year 1 Physics kit. Contents may vary.

- |                       |                        |   |                                   |
|-----------------------|------------------------|---|-----------------------------------|
| • Balloons            | • Coat Hanger Wire     | • Gratnells Clip-on Lid                   | • Money - 20 Cent Coins (Plastic) |
| • Blu Tack            | • Cotton Twine         | • Gratnells Extra Deep Tray - Lemon Jelly | • Percussion Set                  |
| • Candles             | • Cups - Paper         | • Mirrors                                 | • Torch Student                   |
| • Cellophane - Packet | • Cups - Plastic Clear |   |                                   |

Light and sound are produced by a range of sources and can be sensed (ACSSU020)

- Recognising senses are used to learn about the world around us: our eyes to detect light, our ears to detect sound, and touch to feel vibrations
- Recognising that objects can be seen when light from sources is available to illuminate them
- Comparing sounds made by musical instruments using characteristics such as loudness, pitch and actions used to make the sound

**BONUS BOOK**



**NEW**

- Bathroom Scales
- Blu Tack
- Card A4 300gsm
- Cups - Plastic Clear
- Gloves Disposable
- Gratnells Clip-on Lid
- Gratnells Jumbo Tray - Blueberry Jelly
- Life Cycle of a Frog Poster

- Magnifier Bi-Focal
- Magnifying Glass 75mm
- Marker Permanent
- Mirrors
- Modelling Clay
- Self-Adhesive Notes
- Spray Bottle
- Tape Measure 150cm
- Thermometer Classroom
- Thermometer Digital
- Thermometer Immersion
- Ugly Duckling Book

BONUS  
BOOK

- Representing personal growth and changes from birth
- Recognising that living things have predictable characteristics at different stages of development
- Exploring different characteristics of life stages in animals such as egg, caterpillar and butterfly
- Observing that all animals have offspring, usually with two parents



**NEW**

- Cling Wrap
- Clothes Pegs Wood
- Cups - Plastic Clear
- Dessert Spoon Plastic
- Detergent Liquid
- Filter Papers
- Foil (Aluminium) - Roll

- Food Colouring
- Grattells Clip-on Lid
- Grattells Extra Deep Trays - Strawberry Jelly
- Jar
- Magnifier Bi-Focal
- Magnifying Glass 75mm
- Manilla Folders
- Marker Whiteboard
- Measuring Cups
- Measuring Spoons
- Mixing Bowl
- Modelling Clay
- Popsticks - Plain
- Self-Adhesive Notes
- Sieve Fine
- Sieve Coarse

BONUS  
BOOK

- Exploring the local environment to observe a variety of materials, and describing ways in which materials are used
- Investigating the effects of mixing materials together
- Suggesting why different parts of everyday objects such as toys and clothes are made from different materials
- Identifying materials such as paper that can be changed and remade or recycled into new products



## Earth & Space Sciences Year 2

TFC57007	Kit	\$269.95
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**NEW**

This kit is suitable for using with Year 2 students who are exploring the curriculum area of Earth's resources. Contents may vary.

- |                         |                                     |                  |                       |
|-------------------------|-------------------------------------|------------------|-----------------------|
| • Bucket - Collapsible  | • Dessert Spoon Plastic             | • Jug 500ml      | • Skewers             |
| • Container Rectangular | • Food Colouring                    | • Pipettes       | • Thermometer Digital |
| • Cups - Paper          | • Gratnells Clip-on Lid             | • Safety Goggles | • Toothpicks          |
| • Cups - Plastic Clear  | • Gratnells Jumbo Tray - Kiwi Jelly |                  |                       |

Earth's resources, including water, are used in a variety of ways (ACSSU032)

- Identifying the Earth's resources including water, soil and minerals, and describing how they are used in the school
- Describing how a resource such as water is transferred from its source to its point of use
- Considering what might happen to humans if there were a change in a familiar available resource, such as water
- Identifying actions at school such as turning off dripping taps, that can conserve resources for particular purposes such as making food and obtaining water

## BONUS BOOK



## Physical Sciences Year 2

TFC57008	Kit	\$124.95
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**NEW**

Push and Pull! Have fun investigating these forces with our Year 2 kit. Contents may vary.

- Bags - Plastic Reseal 150 x 100mm
  - Ball - Table Tennis
  - Ball - Tennis
  - Balloons
  - Beakers Nestaway
  - Cellophane - Packet
  - Corks - Packet
  - Grattells Clip-on Lid
  - Grattells Extra Deep Tray -
- Lemon Jelly
  - Inflatable Globe
  - Marbles
  - Modelling Clay
  - Paper Clips
  - Paper Towels - Roll
  - Popsticks - Plain
- Rubber Bands - Size 34
  - Self-Adhesive Notes
  - Spray Bottle
- 

A push or a pull affects how an object moves or changes shape (ACSSU033)

- Exploring ways that objects move on land, through water and in the air
- Exploring how different strengths of pushes and pulls affect the movement of objects
- Identifying toys from different cultures that use the forces of push or pull
- Considering the effects of objects being pulled towards the Earth

BONUS  
BOOK



**Biological Sciences Year 3**  
**TFC57009 Kit \$299.95**
**NEW**

This kit is used to support students learning about classification of living organisms. Contents may vary.

- Bags - Plastic Reseal A4
- Container Round
- Gloves Disposable
- Glue Stick 35g
- Gratnells Clip-on Lid
- Gratnells Jumbo Tray - Blueberry Jelly
- Magnifier Bi-Focal
- Magnifying Glass 75mm
- Manilla Folders
- Marker Permanent
- Safety Goggles
- Self-Adhesive Labels - 102 x 36mm
- Self-Adhesive Notes
- Spray Bottle

Living things can be grouped on the basis of observable features and can be distinguished from non-living things (ACSSU044)



- Recognising characteristics of living things such as growing, moving, sensitivity and reproducing
- Recognising the range of different living things
- Sorting living and non-living things based on characteristics
- Exploring differences between living, once living and products of living things



BONUS BOOK

**Chemical Sciences Year 3**  
**TFC57010 Kit \$149.95**
**NEW**

Changing State! Year 3 students can investigate changes of state between solids and liquids with the effect of heat. Contents may vary.

- Bags - Plastic Reseal 150 x 100mm
- Balloons
- Candles
- Cling Wrap
- Cooler Bag
- Cups - Plastic Clear
- Dessert Spoon Metal
- Dessert Spoon Plastic
- Digital Timer
- Drawstring Bag Large
- Gratnells Clip-on Lid
- Gratnells Jumbo Tray - Strawberry Jelly
- Jug 500ml
- Manilla Folders
- Marker Permanent
- Mixing Bowl
- Rope
- Rubber Bands - Size 34
- Rubbing Alcohol
- Self-Adhesive Labels - 102 x 36mm

A change of state between solid and liquid can be caused by adding or removing heat (ACSSU046)



- Investigating how liquids and solids respond to changes in temperature, for example water changing to ice, or melting chocolate
- Exploring how changes from solid to liquid and liquid to solid can help us recycle materials
- Predicting the effect of heat on different materials



BONUS BOOK



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



## Earth & Space Sciences Year 3

TFC57011	Kit	\$159.95
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**NEW**

Help students understand the relationship between the sun, earth and moon with this Year 3 kit. Contents may vary.

- Ball - Tennis
- Battery - AA
- Compass Student
- Gratenells Clip-on Lid
- Gratenells Extra Deep Tray
- Kiwi Jelly
- Inflatable Ball
- Inflatable Globe
- Marbles
- Modelling Clay
- Popsticks - Plain
- Self-Adhesive Notes
- Torch Student

Earth's rotation on its axis causes regular changes, including night and day (ACSSU048)

- Recognising the Sun as a source of light
- Constructing sundials and investigating how they work
- Describing timescales for the rotation of the Earth
- Modelling the relative sizes and movement of the Sun, Earth and Moon



## Physical Sciences Year 3

TFC57012	Kit	\$199.95
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**NEW**

Explore heat transfer with your Year 3 students with this Physical Science kit. Contents may vary.

- Candles
  - Dessert Spoon Metal
  - Dessert Spoon Plastic
  - Grattells Clip-on Lid
  - Grattells Jumbo Tray - Lemon Jelly
  - Heat Pack
  - Hot Water Bottle
  - Ice Cube Tray
  - Jug 500ml
  - Kettle Electric
  - Paper Towels - Roll
  - Stopwatch - Multipurpose
  - Wooden Spoons
- 
- 

Heat can be produced in many ways and can move from one object to another (ACSSU049)

- Describing how heat can be produced such as through friction or motion, electricity or chemically (burning)
- Identifying changes that occur in everyday situations due to heating and cooling
- Exploring how heat can be transferred through conduction
- Recognising that we can feel heat and measure its effects using a thermometer





**Biological Sciences Year 4**

TFC57013

Kit

\$449.95

**NEW**

Year 4 students extend their knowledge of Life Cycles and also investigate the interactions between plants and animals in the environment. Contents may vary.

- Bags - Plastic Reseal 150 x 100mm
- Card A4 300gsm
- Cotton Balls
- Cotton Twine
- Cress Seeds - Packet
- Cups - Paper
- Cups - Plastic Clear
- Cutting Knife
- Double Sided Adhesive Tape
- Foil Tray - Small
- Garden Buddy Bag
- Gloves Disposable
- Gratnells Clip-on Lid
- Gratnells Deep Tray - Blueberry Jelly
- Gratnells Jumbo Tray - Blueberry Jelly
- Jar
- Life Cycle of a Plant Poster
- Magnifier Bi-Focal
- Magnifying Glass 75mm
- Marker Permanent
- Measuring Spoons
- Metal Blunt Tweezers 130mm
- Paper Towels - Roll
- Pipe Cleaners
- Powder Paint Blue
- Powder Paint Red
- Powder Paint Yellow
- Seeds Assorted
- Seed Raising Tray

**BONUS BOOK**

- Self-Adhesive Labels - 102 x 36mm
- Spray Bottle
- Stopwatch - Multipurpose
- Toothpicks

Living things, including plants and animals, depend on each other and the environment to survive (ACSSU073)

- Investigating how plants provide shelter for animals
- Investigating the roles of living things in a habitat, for instance producers, consumers or decomposers
- Observing and describing predator-prey relationships
- Predicting the effects when living things in feeding relationships are removed or die out in an area
- Recognising that interactions between living things may be competitive or mutually beneficial

Living things have life cycles (ACSSU072)

- Making and recording observations of living things as they develop through their life cycles
- Describing the stages of life cycles of different living things such as insects, birds, frogs and flowering plants
- Comparing life cycles of animals and plants
- Recognising that environmental factors can affect life cycles such as fire and seed germination

**Chemical Sciences Year 4**

TFC57014

Kit

\$499.95

**NEW**

Year 4 students extend their knowledge of Materials' properties and their uses with this exciting kit. Contents may vary.

- Absorbent Sponges Pack
- Bags - Plastic Reseal 150 x 100mm
- Bubble Wrap - Roll
- Card A4 300gsm
- CD Cases
- Clothes Pegs Wood
- Container Round
- Corrugated A4 Plastic Sheets
- Cups - Plastic Clear
- Digital Timer
- Dome Markers

- Eye Droppers
- Foil (Aluminium) - Roll
- Foil Tray - Small
- Food Colouring
- Funnel
- Gloves Disposable
- Gratnells Clip-on Lid
- Gratnells Jumbo Trays - Strawberry Jelly
- Magnifier Bi-Focal

- Magnifying Glass 75mm
- Marbles
- Marker Permanent
- Masking Tape
- Measuring Cup 250ml
- Modelling Clay
- Padded Bag
- Paper Clips
- Rubber Bands - Size 34

- Self-Adhesive Notes
- Spray Bottle
- Straws
- Tape Measure Steel 5m
- Thermometer Immersion
- Tissue Paper

Natural and processed materials have a range of physical properties; These properties can influence their use (ACSSU074)

- Describing a range of common materials, such as metals or plastics, and their uses
- Investigating a particular property across a range of materials
- Selecting materials for uses based on their properties
- Considering how the properties of materials affect the management of waste or can lead to pollution

**BONUS BOOK**

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



## Earth & Space Sciences Year 4

TFC57015	Kit	\$389.95
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**NEW**

This kit can be used with Year 4 students to explore the effects of Human Activity on the Earth's surface. Contents may vary.

- Bags - Plastic Reseal 150 x 100mm
- Ball - Table Tennis
- Ball - Tennis
- Cups - Plastic Clear
- Dessert Spoon Metal
- Foil Tray - Large
- Gloves Disposable
- Grattells Clip-on Lid
- Grattells Extra Deep Tray - Kiwi Jelly
- Grattells Jumbo Tray - Kiwi Jelly
- Magnifier Bi-Focal
- Magnifying Glass 75mm
- Marker Permanent
- Microscope School
- Mineral Kit
- Paper Towels - Roll
- Rocks and Minerals Poster
- Self-Adhesive Labels - 102 x 36mm
- Stopwatch - Multipurpose
- Tape Measure 150cm

BONUS  
BOOK

Earth's surface changes over time as a result of natural processes and human activity (ACSSU075)



- Collecting evidence of change from local landforms, rocks or fossils
- Exploring a local area that has changed as a result of natural processes, such as an eroded gully, sand dunes or river banks
- Investigating the characteristics of soils
- Considering how different human activities cause erosion of the Earth's surface
- Considering the effect of events such as floods and extreme weather on the landscape, both in Australia and in the Asia region



## Physical Sciences Year 4

TFC57016	Kit	\$210.00
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**NEW**

This kit can be used to support Year 4 students as they extend their knowledge of Forces. Contents may vary.

- Balloons
- Card A4 300gsm
- Gloves Disposable
- Grattells Clip-on Lid
- Grattells Jumbo Tray - Lemon Jelly
- Inflatable Globe
- Marbles
- Masking Tape
- Cotton Reels
- Detergent Liquid
- Modelling Clay
- Paper Clips
- Polystyrene Ball 75mm
- Self-Adhesive Notes
- Streamers
- Tubing - Clear PVC 6mm x 135cm
- Wooden Dominoes

Forces can be exerted by one object on another through direct contact or from a distance (ACSSU076)



- Observing qualitatively how speed is affected by the size of a force
- Exploring how non-contact forces are similar to contact forces in terms of objects pushing and pulling another object
- Comparing and contrasting the effect of friction on different surfaces, such as tyres and shoes on a range of surfaces
- Investigating the effect of forces on the behaviour of an object through actions such as throwing, dropping, bouncing and rolling

BONUS  
BOOK



Living things have structural features and adaptations that help them to survive in their environment (ACSSU043)

- Explaining how particular adaptations help survival such as nocturnal behaviour, silvery coloured leaves of dune plants
- Describing and listing adaptations of living things suited for particular Australian environments
- Exploring general adaptations for particular environments such as adaptations that aid water conservation in deserts
- Erosion of the Earth's surface
- Considering the effect of events such as floods and extreme weather on the landscape, both in Australia and in the Asia region



**NEW**

### Biological Sciences Year 5

TFC57017 Kit \$389.95

**BONUS BOOK**

Explore adaptation and the environment. Contents may vary.

- |                                     |                         |  |                       |
|-------------------------------------|-------------------------|--|-----------------------|
| • Absorbent Cloth                   | • Digital Scales        | • Grannells Jumbo Tray - Blueberry Jelly | • Measuring Cup 250ml |
| • Bags - Plastic Reseal 150 x 100mm | • Magnifying Glass 75mm | • Magnifier Bi-Focal                     | • Plate - Plastic     |
| • Clips Fold Back 32mm              | • Digital Timer         | • Marker Permanent                       | • Spray Bottle        |
| • Cups - Plastic Clear              | • Gloves Disposable     |  | • Thermometers        |
|                                     | • Grannells Clip-on Lid |  |                       |

### Chemical Sciences Year 5

TFC57018 Kit \$389.95

**NEW**

This kit is suitable for use with Year 5 students as they investigate the three states of matter: solid, liquid and gas. Contents may vary.

- |                              |   |                         |                            |
|------------------------------|---|-------------------------|----------------------------|
| • Balloons - Assorted Shapes | • Container Round                         | • Jar                   | • Play Dough Yellow        |
| • Bucket - Collapsible       | • Cups - Plastic Clear                    | • Magnifier Bi-Focal    | • Rubber Bands - Size 34   |
| • Dessert Spoon Plastic      | • Dessert Spoon Metal                     | • Marbles               | • Self-Adhesive Notes      |
| • Grannells Clip-on Lid      | • Grannells Deep Tray - Strawberry Jelly  | • Magnifying Glass 75mm | • Sponge - Kitchen         |
| • Card A4 150gsm             | • Grannells Jumbo Tray - Strawberry Jelly | • Measuring Cup 250ml   | • Stopwatch - Multipurpose |
| • Chalk                      |   | • Play Dough Red        |                            |
| • Cling Wrap                 |   |                         |                            |

Solids, liquids and gases have different observable properties and behave in different ways (ACSSU077)

- Recognising that substances exist in different states depending on the temperature
- Observing that gases have mass and take up space, demonstrated by using balloons or bubbles
- Exploring the way solids, liquids and gases change under different situations such as heating and cooling
- Recognising that not all substances can be easily classified on the basis of their observable properties



**BONUS BOOK**



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



## Year 5

**Earth & Space Sciences Year 5**

TFC57019 Kit \$189.95

**NEW**

This kit is ideal for use with Year 5 students as they learn about the Solar System. Contents may vary.

- Ball - Table Tennis
- Ball - Tennis
- Battery - AA
- Card A4 300gsm
- Cotton Twine
- Gratnells Clip-on Lid
- Gratnells Extra Deep Tray - Kiwi Jelly
- Inflatable Globe
- Modelling Clay
- Polystyrene Ball 75mm
- Rope
- Skewers
- Split Pins
- Tape Measure Windup 10m
- Toothpicks
- Torch Student
- Wire - Thin Modelling

The Earth is part of a system of planets orbiting around a star (the Sun) (ACSSU078)

- Identifying the planets of the solar system and comparing how long they take to orbit the Sun
- Modelling the relative size of and distance between Earth, other planets in the solar system and the Sun
- Recognising the role of the Sun as a provider of energy for the Earth



BONUS BOOK

**Physical Sciences Year 5**

TFC57020 Kit \$169.95

**NEW**

Teachers can use this kit with their Year 5 students as they investigate how light can be absorbed, reflected and refracted. Contents may vary.

- Bags - Plastic Reseal 150 x 100mm
- Battery - AA
- Blu Tack
- Card A4 300gsm
- Cellophane - Packet
- Counters Mini Motors
- Cups - Plastic Clear
- Dessert Spoon Metal
- Foil (Aluminium) - Roll
- Glue Stick 35g
- Gratnells Clip-on Lid
- Gratnells Jumbo Tray - Lemon Jelly
- Masking Tape
- Mirrors
- Paper Towels - Roll
- Popsticks - Plain
- Self-Adhesive Notes
- Split Pins
- Straws
- Talcum Powder
- Tissue Paper
- Torch Student

Light from a source forms shadows and can be absorbed, reflected and refracted (ACSSU080)

- Drawing simple labelled ray diagrams to show the paths of light from a source to our eyes
- Comparing shadows from point and extended light sources such as torches and fluorescent tubes
- Classifying materials as transparent, opaque or translucent based on whether light passes through them or is absorbed
- Recognising that the colour of an object depends on the properties of the object and the colour of the light source
- Exploring the use of mirrors to demonstrate the reflection of light
- Recognising the refraction of light at the surfaces of different transparent materials, such as when light travels from air to water or air to glass



BONUS BOOK



**Biological Sciences Year 6**

TFC57021 Kit \$259.95

**NEW**

This kit is suitable for use with Year 6 students as they develop their knowledge on the interaction of organisms and their environment. Contents may vary.

- Bags - Plastic Reseal 150 x 100mm
- Balloons
- Digital Timer
- Funnel
- Gloves Disposable
- Gratnells Clip-on Lid
- Gratnells Jumbo Tray - Blueberry Jelly
- Jug 500ml
- Magnifier Bi-Focal
- Magnifying Glass 75mm
- Marker Permanent
- Masking Tape
- Measuring Cups
- Measuring Spoons
- Paper Towels - Roll
- Spray Bottle
- Thermometer Immersion
- Yeast - Packet

The growth and survival of living things are affected by the physical conditions of their environment (ACSSU094)



- Investigating how changing the physical conditions for plants impacts on their growth and survival such as salt water, use of fertilizers and soil types
- Observing the growth of fungi such as yeast and bread mould in different conditions
- Researching organisms that live in extreme environments such as Antarctica or a desert
- Considering the effects of physical conditions causing migration and hibernation

**BONUS BOOK****Chemical Sciences Year 6**

TFC57022 Kit \$349.95

**NEW**

Reversible or Irreversible? Support students as they investigate changes of state with this Year 6 Chemistry kit. Contents may vary.

- Balloons
- Candles
- Foil Tray - Small
- Funnel
- Gratnells Clip-on Lid
- Gratnells Extra Deep Tray - Strawberry Jelly
- Gratnells Jumbo Tray - Strawberry Jelly
- Ice Cube Tray
- Cups - Plastic Clear
- Marker Permanent
- Jug 500ml
- Marbles
- Masking Tape
- Measuring Cup 250ml
- Measuring Spoons
- Mixing Bowl
- Paper Towels - Roll
- Rope
- Scented Extract
- Stopwatch - Multipurpose
- Tea Candles - Packet

Changes to materials can be reversible, such as melting, freezing, evaporating; or irreversible, such as burning and rusting (ACSSU095)



- Describing what happens when materials are mixed
- Investigating the solubility of common materials in water
- Investigating the change in state caused by heating and cooling of a familiar substance
- Investigating irreversible changes such as rusting, burning and cooking
- Exploring how reversible changes can be used to recycle materials

**BONUS BOOK**

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



**Earth & Space Sciences Year 6**

TFC57023 Kit \$199.95

**NEW**

This kit is perfect for use with Year 6 students as they investigate the effects of Earthquakes, Tsunamis and other major geological events on the Earth's surface. Contents may vary

- Card A4 300gsm
- Dots - Self Adhesive - Blue
- Dots - Self Adhesive - Red
- Envelopes
- Grattells Clip-on Lid
- Grattells Extra Deep Tray - Kiwi Jelly
- Magnifier Bi-Focal
- Magnifying Glass 75mm
- Map of Australia
- Map of South East Asia
- Marker Permanent
- Measuring Beakers
- Modelling Clay
- Non Interlocking Cubes
- Petri Dish
- Popsticks - Plain
- Self-Adhesive Notes
- Toothpicks

Sudden geological changes and extreme weather events can affect Earth's surface (ACSSU096)

- Investigating major geological events such as earthquakes, volcanic eruptions and tsunamis in Australia, the Asia region and throughout the world
- Recognising that earthquakes can cause tsunamis
- Describing how people measure significant geological events
- Exploring ways that scientific understanding can assist in natural disaster management to minimise both long and short-term effects
- Considering the effect of drought on living and non-living aspects of the environment



BONUS BOOK

**Physical Sciences Year 6**

TFC57024 Kit \$1,019.45

**NEW**

All about Electricity! This exciting kit is suitable for use with Year 6 students as they study electrical circuits and how electricity can be generated.

- Adhesive Tape - 18mm
- Alligator Clips with Leads
- Alnico Bar Magnets 5cm
- Balloons
- Battery - AA
- Battery - D
- Battery - Watch
- Battery Holder 2 x AA
- Blu Tack
- Bulb Holders
- Bulbs - 1.5v
- Buzzer Electric
- Card A4 300gsm
- Cellophane - Packet
- Ceramic Magnets Round 2cm
- Clothes Pegs Wood
- Corrugated A4 Plastic Sheets
- Cotton Twine
- Cups - Plastic Clear
- Cutting Knife
- Dessert Spoon Metal
- Dessert Spoon Plastic
- Digital Multimeter
- Enamelled Copper Wire
- Ferrite Magnets Set
- Foil (Aluminium) - Roll
- Foil Tray - Large
- Foil Tray - Small
- Garden Wire/Twist Ties
- Grattells Clip-on Lid
- Grattells Jumbo Trays - Lemon Jelly
- Hessian
- Light Bulbs Collection (Diff. sizes / filament)
- Magnifier Bi-Focal
- Magnifying Glass 75mm
- Manilla Folders
- Marker Permanent
- Masking Tape
- Measuring Cup 250ml
- Nails - Galvanised
- Paper Clips
- Rubber Bands - Size 34
- Self-Adhesive Notes
- Skewers
- Split Pins
- Stopwatch - Multipurpose
- Switch
- Thermometer Immersion
- Toothpicks
- Torch Student
- Wire Cable - Black
- Wire Cable - Red
- Wire Cable - White
- Wire Copper 95cm
- Wire Stripper Automatic

Electrical circuits provide a means of transferring and transforming electricity (ACSSU097)

- Recognising the need for a complete circuit to allow the flow of electricity
- Investigating different electrical conductors and insulators
- Exploring the features of electrical devices such as switches and light globes



Energy from a variety of sources can be used to generate electricity (ACSSU219)

- Investigating how moving air and water can turn turbines to generate electricity
- Investigating the use of solar panels
- Considering whether an energy source is sustainable



BONUS BOOK





## Year Level Sets

These Year Level Sets are clearly labelled, with each Science sub-strand having its own coloured and named container. Additional kits can easily be added to a Gratnells storage frame as more Year Levels are acquired over time. The Foundation Year Level Set contains resources for the Biological and Earth & Space sub-strands. The Year 1 set contains resources for the Biological and Physical sub-strands. All other Year Levels sets contain kits for all 4 sub-strands.

**NEW****Curriculum Kit Packs**

TFC57001K Foundation – 2 kits  
TFC57003K Year 1 – 2 kits

\$506.95

\$466.95

Foundation and Year 1 kits each contain 1 Earth and Space kit and 1 Biological kit.

BONUS BOOK

**NEW****Curriculum Kit Packs**

TFC57005K Year 2 – 4 kits  
TFC57009K Year 3 – 4 kits  
TFC57013K Year 4 – 4 kits  
TFC57017K Year 5 – 4 kits  
TFC57021K Year 6 – 4 kits

\$969.95

\$819.95

\$1,684.95

\$1,387.95

\$1,728.95

Year 2 to Year 6 kits each contain 1 Earth and Space kit, 1 Biological kit, 1 Chemical kit and 1 Physical kit.

BONUS BOOK



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



## Sub-strand Sets

**NEW****Biological Kit - Foundation to Year 6**

Help students investigate living things and how they rely on and affect their environments. These kits assist in understanding the diverse range of life we have on Earth.

TFC57000BK

7 Kits

\$2,309.95

BONUS  
BOOK**NEW****Chemical Kit - Foundation to Year 6**

Help students explore relationships between substances and their properties. These kits assist in understanding that substances can change and new substances can be created due to a number of factors.

TFC57000CK

5 Kits

\$1,826.95

BONUS  
BOOK**NEW****Earth & Space Kit - Foundation to Year 6**

Help students explore the processes that result in change to the Earth's surface and the influence human activity has had over these changes. These kits assist in understanding that the Earth is part of a solar system which in its self is part of the larger universe.

TFC57000EK

6 Kits

\$1,605.95

BONUS  
BOOK**NEW****Physical Kit - Foundation to Year 6**

Help students develop an understanding of the concept of motion and energy. These kits assist in understanding that forces affect the behaviour of objects and that energy can be transferred to and from a particular object.

TFC57000PK

6 Kits

\$1,906.95

BONUS  
BOOK



## Complete Curriculum Kits

Schools wishing to purchase the complete range of Engaging with Science Kits can do so easily. Choose from either the Complete Kit including quality Gratnell frames or simply purchase the standalone kits.

### Complete Curriculum Kits

TFC57038	Complete Curriculum Kits (24 kits - 2 Frames)	\$8,403.00
TFC57037	Complete Curriculum Kits (24 kits - No Frames)	\$7,205.00
GT70330K	Gratnells Tall Frames x2 & 31 runners	\$1,199.95

BONUS  
BOOK

Buy the complete kit and frames and have a wonderful Science resource to be used for many years.



Simple  
to store

Never lose track  
of resources

Engaging practical  
materials



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



## Plants

**NEW****Photosynthesis Learning Chart**

Explore the amazing scientific process behind plants making food. Full of teacher-created content and illustrated with fun, contemporary graphics. Size: 43 x 56cm.

TFC59064

Each

\$6.95

**NEW****Plants on the Grow Bulletin Board**

An interactive bulletin board set that helps children to identify and also label the parts of a plant system. In addition adapt language and sequencing activities for ESL learners or children with special needs. Includes manipulative. Plants on the Grow Bulletin Board measures 61cm.

TFC59065

Each

\$21.95

**Giant Magnetic Plant Life Cycle Set**

These giant magnets teach students about the life cycle of a plant. A great resource for cross-curriculum activities. The activity guide includes detailed information about each step. The largest magnet is approximately 23 x 18cm.

LER6045

Set of 12

\$41.95

**Typical Flower Model - Dissectable**

This greatly enlarged model of a typically idealised flower is an ideal resource to help children understand the principles of pollination and fertilisation in plants. The dissectible flower model is made of non-breakable plastic and features detachable parts. The flower is numbered, and the model comes with a key card for identifying the specific parts of the flower. Size: 30 x 18 x 38cm.

EIS0100

Each

\$59.95

**NEW****Biology Madness Kit**

Highly appealing, fun interactive kit. Encourages the development of hypotheses, the application of experimental techniques and drawing logical conclusions. Features 25 core experiments coupled with suggested extension experiments. Kit includes: all laboratory equipment necessary for the experiments, materials that contain real science plasticwear and reagents (additional household items are required), laboratory goggles, apron and gloves, a detailed illustrated manual and an interactive DVD containing video footage of young Australian scientists completing experiments. Ages 8+ years

DC50865

\$66.95





NEW

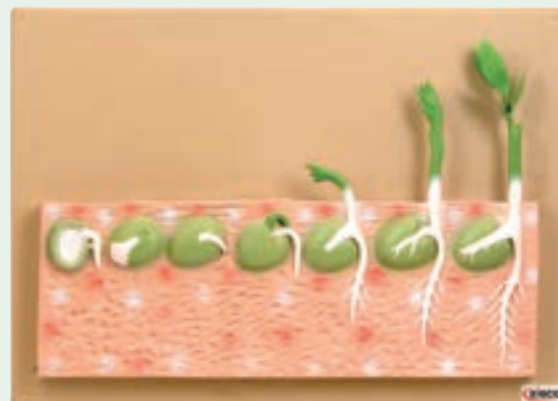
### Plant Learning Chart

Chart features vibrant and engaging artwork plus accurate, teacher-created content. These posters are sturdy and durable. Guide your students through this fascinating natural process. Colourful design featuring class activities on the back. 43 x 56cm.

TFC59059

Each

\$6.95



### Seed Germination Model

This pea model shows step by step how plants emerge from seeds and begin to grow – the germination of the pea. A labelled guide is included. Size: 40(W) x 30cm(H). Ages 6+ years

EIS0046

Each

\$74.95



### Hydroponics Lab

This set of three growing tubes is a mess-free way to explore hydroponics with water or any media. The transparent seed basket shows how the plant grows and you'll see: no soil required! Includes a write & wipe surface for specimen labels. Includes: 3 plastic test-tubes (4.5cm in diameter x 18cm high), 3 support rod tops and bottoms, 3 seed baskets and an activity guide.

EN5099

Set of 3

\$39.95



NEW

### Seed to Plant Stamps

Demonstrate the growth of a plant with these five rubber stamps - from seed to plant. Describe it with the use of the full colour teaching guide and the extra information and activities. Measures from 4.5 x 5.7cm to 8.9 x 8.9cm.

CE50182K

Stamps – 5 pieces and Pad

\$55.95

CE50182

Stamps – 5 pieces

\$49.95



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



## Plants

### Water Garden 2.0 - Aquaponic System

Learn about aquaponics and find out how plants and fish help each other to create a better living environment. Please note that the seeds included in FLD006 are not available in NZ/WA/TAS. We suggest the purchase of FLD006-NS (no seeds included) for these customers.

The award-winning Water Garden has been beautifully designed with new features including:

- Elegant curved tank
- Double the growing space!
- Customised Grow Pods for easy planting and harvesting
- More seeds to continue growing for months
- Easy tank access to personalise your betta's home
- Includes free access to accompanying STEM educational curriculum for kids

FLD006	Tank with seeds	\$179.95
FLD006-NS	Tank without seeds	\$179.95



## Water Garden



#### Kit includes

- Fish tank and gravel
- Growstones™
- Natural fertiliser
- Fish food
- Australian and organic wheatgrass and snow peas sproutseeds
- Silent, submersible water pump
- Assembled in Australia with local and imported parts

**SUPER  
BUY**

~~\$451.90~~  
**NOW ONLY**  
**\$350<sup>95</sup>**  
SAVE \$100.95



#### Kit includes

- 1x large outdoor Aquaponics Flower Tower (RGP0020)
- 1x indoor Aquaponics system (PNP501)
- 2x Curled Parsley (DTB2231)
- 2x Nasturtium Flower Seeds (DTB0306)
- 2x Heartsease Johnny Jump Flower Seeds (DTB2457)
- 2x Chives (DTB2705)
- 2x Sweet Basil (DTB2702)

### Aquaponic Flower Tower Kit

Demonstrate how aquaponics work both indoors and outdoors. Fish in the fish tank produce waste, which is turned into fertiliser for plants by microbes and worms. The plants use this as nutrients to grow, while filtering the water that goes back to the fish. A perfect ecosystem for both plants and fish! Just add fish and you are ready to go!

RGP0020K

\$350.95



### Aquaponics Flower Tower

The Aquaponics flower tower is perfect for growing herbs, vegetables and flowers inside or out. Just add fish and seeds! The planter holds 80 litres of water and has a clear cover so you can easily view and feed the fish. The flower tower comes with 16 convenient planter locations. The water flow regulator ensures an even flow of water down the internal slides of the tube to water the plants. The plants will filter the water for the fish, while the fish fertilise the water for the plants. A perfect ecosystem! The aquaponics flower tower needs to be assembled.

RGP0020

\$299.95

#### Kit includes

- 1 x 80 Litre base for fish
- 1 x Planter rim
- 1 x Planter clear lid
- 2 x Bottom segments for air & Water pump
- 4 x Plant holders segments
- 1 x Segment top
- 1 x Top Water regulator
- 16 x Seed black pots
- 16 x Rockwool for seeds
- 1 x 15W Submersible Pump
- 1.5m max
- 1 x Air pump
- 1 x Timer
- 1 x 1.6 Metre water pipe
- 1 x Instructions



### Vegetable Root Viewer with Seeds

Observe vegetables growing below the soil! Perfect for simple root vegetables like carrots. The acrylic window is on an angle, which lets the roots grow against the window for a perfect view! Available in root viewer only (RGP134) or as a kit, with seeds included (carrot and beetroot). Soil not included. It measures 40(L) x 15(W) x 24(H)cm.

RGP134	Root viewer only	\$46.95
RGP134K	Root viewer & seeds	\$49.95



#### Flower seeds

##### Heartsease Seeds – Johnny Jump Up



Delightful, small nodding heads which are produced in profusion. They will bloom constantly throughout summer. Height 15cm. All year.

DTB2457 150 seeds \$2.20

#### Herb seeds

##### Curled Parsley Seeds



A superb variety with dark green curled leaves. Parsley is one of the most popular garden herbs, adding a distinctive flavour to all kinds of dishes. All year.

DTB2231 Pack of 1000 \$2.20

#### Vegetable seeds

##### Cherry Tomato Seeds

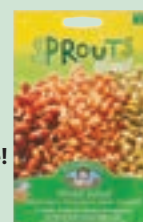


A heavy cropper of small red fruits that are mouth-wateringly sweet and juicy, ideal for salads or pasta dishes. Allow to vine-ripen for best flavour. Requires staking. Summer/Spring.

DTB2074 75 seeds \$2.20

#### Sprouts alive

##### Sprouts Alive! Mixed Salad Seed Mix



Grow your own edible sprouts in just 3-6 days. Enjoy the freshest sprouts you've ever tasted - because they are grown in your kitchen.

DTB3008 75g pack \$5.95

#### Flower seeds

##### Nasturtium Seeds – Jewel Mixed



A splendid semi-double that is a gem for the small garden. Pretty yellows, oranges and red, with rose, salmon and cream. Height 30cm. All year.

DTB0306 35 seeds \$2.20

#### Herb seeds

##### Sweet Basil Seeds



An excellent aromatic herb, useful for seasoning soups, salads and omelettes. The flavour is clove-like and is a particularly good accompaniment to tomatoes. Height to 45cm. All Year.

DTB2702 750 seeds \$2.20

#### Vegetable seeds

##### Climbing Bean Seeds – Blue Lake

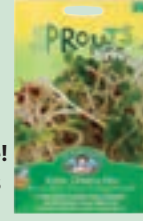


A delicious, stringless, pencil-shaped variety which will produce a fine crop of tender, tasty beans. Summer/Spring.

DTB2808 \$2.20

#### Sprouts alive

##### Sprouts Alive! Asian Greens Mix



A tasty blend of popular Asian vegetables. Contains Mizuna, Tatsoi and Chinese Cabbage Wombok. Plant Asian Green Vegetable seeds all year round as required.

DTB3010 75g pack \$5.95

#### Flower seeds

##### Sunflower Seeds



Very easy to grow, this giant plant produces large, bright yellow heads on stalks that can reach over 4m! Height generally 1.8m. Summer/Spring.

DTB0493 45 seeds \$2.20

#### Herb seeds

##### Chives Seeds

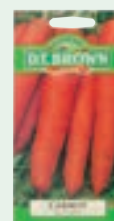


The most delicate member of the onion family which provides flavouring to salads, soups, omelettes vegetables and cheese dishes. Easy to grow in the garden or in a window pot. Height 25cm. All year.

DTB2705 Pack of 750 \$2.20

#### Vegetable seeds

##### Carrot Seeds – All Seasons



Similar to Topweight but a slightly darker colour, All Seasons is a superb main-crop carrot with well-shaped roots and a delicious flavour. All year.

DTB2252 2000 seeds \$2.20

#### Vegetable seeds

##### Beetroot Seeds



A very reliable variety, which produces good crops of very sweet-tasting beetroot. With its unique cylinder shape it is ideal for slicing and for serving hot or with salads. Easy to grow.

DTB2067 200 seeds \$2.20



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



## Plants

**Raised Garden Bed**

This raised garden bed is made from 3 key components. These consist of a PVC shade and insect canopy, solid plastic sides and a heavy duty plastic sheet for the base. The constructed garden bed is 150 x 75 x 28cm high. The use of the raised garden bed, means you can use specialised soils depending on what you wish to grow, the garden bed liner means you can use the product on hard surfaces such as patios. The shade and insect canopy will protect young plants from heavy rain, frost and direct sunlight. When the canopy is fully closed it stops harmful insects from damaging foliage or flowers etc. Since the product is made from plastic it will not decay. It is easy to assemble, no tools required. Watering can and plants not included. Ages 3+ years

RGP1301

\$199.95

**Green Plant Pot – 30L**

Measures 35 x 30cm.

CAG2104

\$23.95

**Purple Pocket Herb Bag – 20L**

Measures 30.5 x 28cm.

CAG2201

\$23.95

**Green Pocket Herb Bag – 40L**

Measures 35 x 45cm.

CAG2202

\$29.95

**Orange Raised Planter Bed – 45L**

Measures 60 x 30 x 25cm.

CAG2302

\$32.95

**Brown Potato Planter – 40L**

Measures 35 x 45cm.

CAG2401

\$29.95

**Mushroom Farm – Organic Oyster Mushrooms**

Grow organic mushrooms in just 10 days! Just open the box, scrape the soil, soak in water, and harvest 10 days later. Make sure you water the mushrooms daily. Students will see the oyster mushrooms pop up out of the soil! Once the mushrooms have grown to the size you want, simply cut them off and use them in your favourite dish. The box even comes with a recipe for inspiration! You can grow 1 to 3 crops out of one box.

FLD120

Each

\$36.95







## Animals & Shells X-Rays Kit

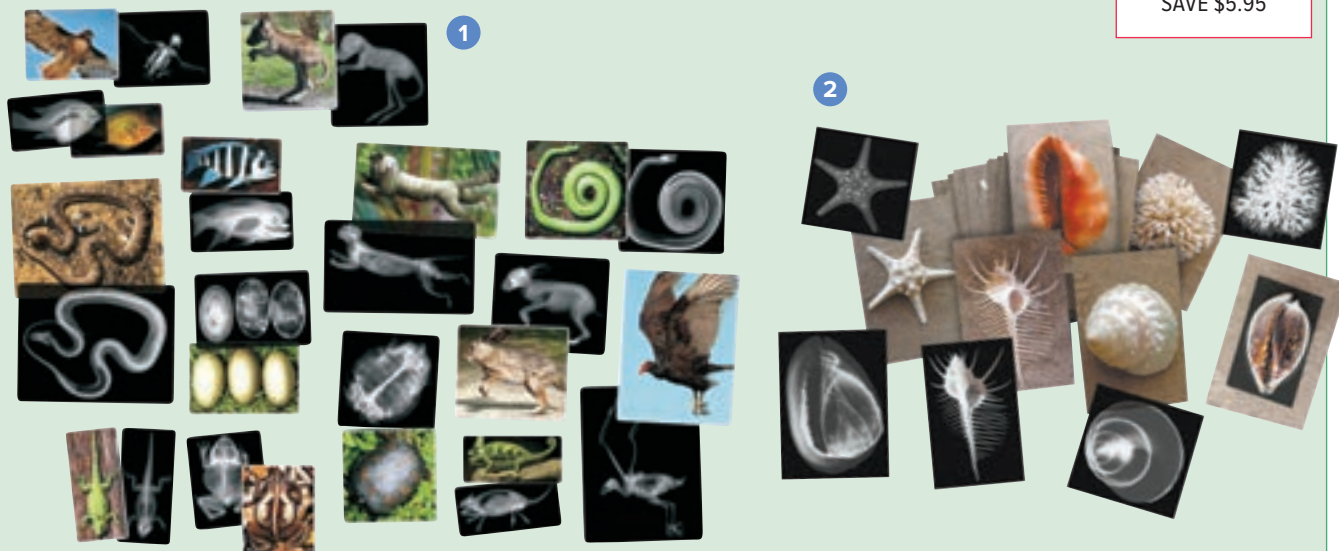
RE5910K

Kit

\$78.95

This kit includes one set of Animal X-Rays & Picture Cards (RE5910) and one set of Shell X-Rays & Picture Cards (RE5913). A total of 64 cards.

~~\$84.90~~  
**NOW ONLY**  
**\$78.95**  
 SAVE \$5.95



### 1. Animal X-Rays & Picture Cards

Study similarities and differences between animals. Examine real x-rays printed on clear, heavy-duty plastic, showing mammals, reptiles, fish, amphibians and birds. Includes: 14 x-rays and 14 matching picture cards, up to 10 x 25cm and teacher guide.

RE5910

Set of 28

\$39.95

### 2. Shell X-Rays & Picture Cards

Examine real x-rays of a wide range of seashells, coral and animals to see their inner structures. The picture cards show their outside structures, colour and design. Match up the x-rays to the printed card and lay the x-ray over the card to see how the inside and outside go together. The cards measure 10 x 15cm and the x-rays vary in size. Teacher's guide and activities are included. Set of 36 cards.

RE5913

36 pieces

\$44.95



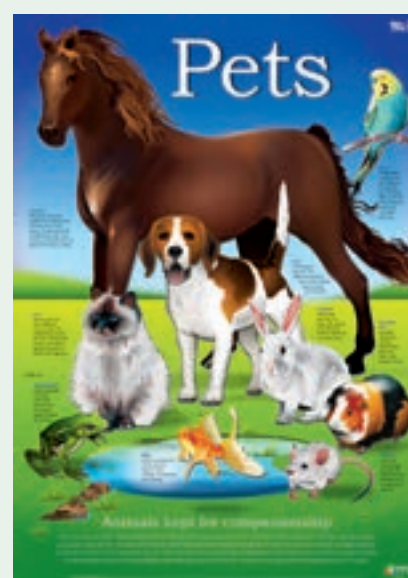
### Wild About Animals - Critical Thinking Photo Cards

These stunning animal photo cards encourage students to create stories while improving speaking, writing, and listening skills, as well as key critical thinking skills! Includes an activity guide and 40 double-sided cards with real-life photos on one side and thought-provoking questions on the reverse. Cards measure 20 x 20cm.

LER3362

Set of 40

\$33.95



**NEW**

### Pets Poster

Identify the pets, discover how they live and what they need to survive. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59006

Each

\$6.95



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



## Animals – Mini Beasts

## Mini Beasts

These real-life specimens encased in resin allow students to see a close-up of spiders and insects from different angles. They are an excellent resource to promote scientific inquiry and investigation. Suitable for a wide range of cross-curriculum activities. Each specimen can safely be used by young children. Teacher's guide included.

**NEW**

### Mini Beast Viewer Kit

KNBSK Kit \$229.95

See the amazing Mini Beasts like never before with the new Mini Beast Viewer! The Viewer illuminates the specimens allowing the students to see the organisms in a whole new light! Kit includes 1x LAND Mini Beast Slides & Viewer, 1x WATER Mini Beast Slides & Viewer, 1x AIR Mini Beast Slides & Viewer

~~\$269.85~~  
**NOW ONLY**  
**\$229.95**  
 SAVE \$39.90

LED Slide Viewer  
 included in each set

1



2



#### Each set includes

- 6 slides  
 – 7.4 x 7.4 x 1cm
- 1 x LED Slide Viewer  
 – 11 x 9.8 x 4.7cm
- Teacher's Guide

3



4



#### 1. Mini Beast LED Slide Viewer

**NEW**

The LED Slide Viewer adds another dimension to the Mini Beast Specimens. Lights on the sides and bottom of the viewer illuminate the specimen slides in a way children will find amazing. Powered by an alkaline button battery, the Slide Viewer offers over 800 hours of viewing time.

KNBV \$29.95

#### 1. Land Mini Beast Slides & Viewer

**NEW**

This set includes 3 groups of arthropod specimens – insects, arachnids and myriapods. Using the viewer to illuminate these specimen slides provides children with an exciting way to investigate the amazing Animal Kingdom. The Teacher's Guide includes classification and labelling BLM's and fascinating facts to extend children's curiosity about this group of animals.

KNBS01 \$89.95

#### 2. Water Mini Beast Slides & Viewer

**NEW**

This set includes 2 vertebrate specimens and 4 invertebrate specimens representing the cnidaria, echinoderms, annelids and molluscs groups. These specimen slides provide an opportunity to introduce children to the classification of the Animal Kingdom and the challenge of mastering big words. The Teacher's Guide includes classification and labelling BLM's and activities to extend children's curiosity.

KNBS02 \$89.95

#### 3. Air Mini Beast Slides & Viewer

**NEW**

These 6 insect specimens and viewer allow children to investigate the similarities and differences that exist between insects – the most diverse group of animals on the planet. The Mini Beasts specimens when illuminated look amazing. The Teacher's Guide includes classification and labelling BLM's and activities to extend children's curiosity about this group of animals.

KNBS03 \$89.95





### Mini Beasts Large Beetles & Bugs Set

This set includes 24 different specimens of beetles and bugs. Each resin block measures 2.8(L) x 4.3(H) x 1.9(W)cm. Supplied in storage and display box. Teacher's guide included.

KNB2216      24 specimens      \$199.95



### Mini Beasts Large Ocean Set

This set includes 11 different sea life specimens, from crabs to jellyfish and octopus. The largest resin block measures 7.5cm square. Supplied in storage and display box. Teacher's guide included.

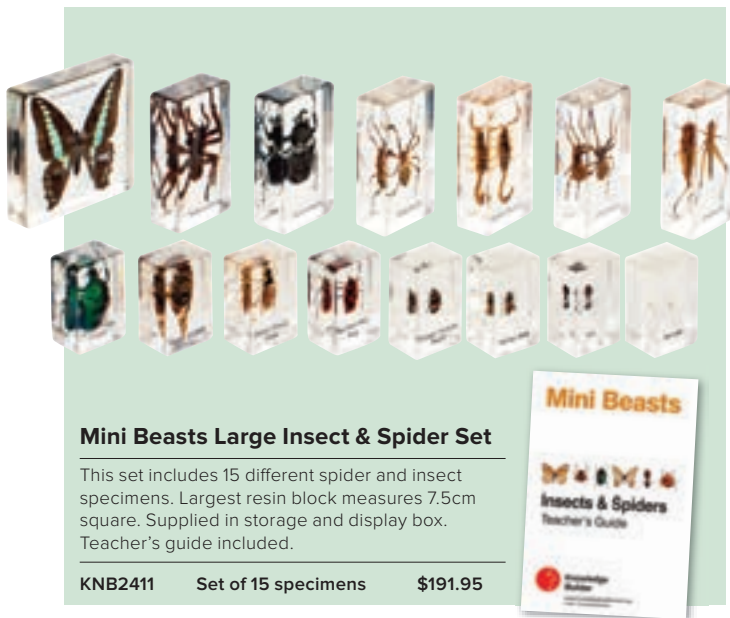
KNB006      Set of 11 specimens      \$187.95



### Mini Beasts Large Arthropod Set

This set includes 13 different arthropod specimens, including a dragonfly, golden scorpion, tarantula spider and more. The largest resin block measures 7.5cm square. Supplied in storage and display box. Teacher's guide included.

KNB005      Set of 13 specimens      \$184.95



### Mini Beasts Large Insect & Spider Set

This set includes 15 different spider and insect specimens. Largest resin block measures 7.5cm square. Supplied in storage and display box. Teacher's guide included.

KNB2411      Set of 15 specimens      \$191.95



### Mini Beasts Small Insect & Spider Set

A set of 6 insect and spider specimens. Largest resin block measures 4.2(L) x 10.9cm(H). Supplied in storage and display box. Teacher's guide included.

KNB2511      Set of 6 specimens      \$77.95



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



## Animals

**GeoSafari Ant Factory**

It's easy for students to set up and maintain their own ant habitats! Ant Factory, measuring 23(H) x 38(W)cm, provides great lessons in responsibility, basic ecology, and much more! Each habitat includes 24-page guide book with ant care and colony observation hints, water dropper and canal starting tool. Just find some ants in the backyard (not included) and get started!

EN5145

\$64.95



\$99.95  
**\$49.95**  
SAVE \$50.00

**NEW****Play and Explore Fossils**

Fossils inspire children's imagination and excite young learners. They will delight in discovering and examining this set of eight attractive, realistic and tactile specimens, including ammonite, clam shell, fern leaf, preserved leaves, sea urchin, shark's tooth, shrimp and trilobite. Made from a unique stone mix, they are robust enough to be used throughout an early years setting, both in an indoor and outdoor environment. Designed to fit snugly in small inquisitive hands (8-9cm). Ages 2+ years

YD1041

Set of 8

\$49.95

\$99.95  
**\$49.95**  
SAVE \$50.00

**NEW****Play and Explore Bugs**

Support children's growing understanding of the world with this engaging and realistic set of eight bugs. Featuring an ant, beetle, butterfly, centipede, dragonfly, ladybird, spider and woodlouse, this fascinating set of eight bugs provides children with the opportunity to learn close up about the living creatures they will encounter in daily life without them scuttling or flying away! These bugs are cast from a special stone mix, they are durable for use outdoors and measure 8cm. Ages 2+ years

YD1042

Set of 8

\$49.95

**Butterfly Specimens**

This set of 10 laminated butterflies show the beautiful wings in great detail. Identify differences and similarities between the 10 species. These laminated butterflies are a great resource in combination with a light box. Or stick them to a window as decoration! Each sheet is 11cm square.

KNB007

Set of 10

\$39.95

**NEW****Australian Animal Stamps**

Twelve rubber stamps depicting Australian animals. 3.5 x 4cm.

CE50407K

12 Stamps with Stamp Pad

\$54.95

CE50407

12 stamps

\$49.95





### Animal Big Books

Learn all about the world of animals, their habitats, habits and needs. Find out all about it with this collection of Big Books. Smallest book is 33.5(L) x 45.7(H)cm. Each book has 16 pages. A teacher's guide is included. Ages 4+ years

NW3200	Is It Alive? Big Book	\$49.95
NW5776	Animals and Their Babies Big Book	\$49.95
NW3567	Looking at Animal Groups Big Book	\$49.95

4+ yrs



### Bug Big Books

This collection of big books teaches students everything about insects and spiders. Full of interesting facts and colourful images, this collection is a must-have! Size: 40.5 x 47.5cm. Each book has 16 pages, teacher's guide is included. Ages 4+ years

NW4850	Busy as a Bee Big Book	\$49.95
NW4772	Spinning a Web Big Book	\$49.95
NW2657	The World of Ants Big Book	\$49.95
NW5777	A Butterfly Is Born Big Book	\$49.95

4+ yrs



### Exploring Animals Chart Set

Create inviting, exciting spaces with eye-catching charts that present learning in a big and colourful way. Teach essential facts about different animals with this themed learning chart combination pack. Includes six charts: birds, reptiles, amphibians, fish, insects, and mammals, with activities and reproducibles on each chart back. Each chart is approximately 43(L) x 56(H)cm.

T38935	Set of 6	\$29.95
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### Animal Habitats Game

This game allows children to compare animals in familiar habitats with animals found in less familiar habitats. The 4 double-sided A4 playing boards feature a single habitat on one side (coast, woodland, polar and desert) and a habitat bingo game on the reverse. Teacher's notes are included to cover detailed facts about all the animals such as animal type, diet, life expectancy and species. Cut out photocopyable animals are also included to cover both the featured habitats and other habitats.

ZZ0046		\$49.95
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**FREE freight on all orders over \$99.** Conditions apply, see website for details.



## Animals



NEW

**Vertebrates Poster**

Learn about vertebrates classification: mammals, fish, amphibians, birds and reptiles. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59001 Each \$6.95



NEW

**Mammals Poster**

Beautifully illustrated poster featuring mammals. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59004 Each \$6.95



NEW

**Marsupial Poster**

Learn about fascinating marsupials and their wonderful characteristics. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59079 Each \$6.95



NEW

**Fish Poster**

Beautifully illustrated poster featuring fish. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59007 Each \$6.95



NEW

**Amphibians Poster**

Amazing amphibians to watch in awe. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59003 Each \$6.95



NEW

**Birds Poster**

Beautifully illustrated poster featuring birds. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59009 Each \$6.95



NEW

**Reptiles Poster**

Beautifully illustrated poster featuring reptiles. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59008 Each \$6.95



NEW

**Invertebrates Poster**

Learn about invertebrate classification. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59002 Each \$6.95



NEW

**Arachnids Poster**

Explore fascinating arachnids. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59061 Each \$6.95



NEW

**Insects Poster**

Discover the common features between all insects. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59062 Each \$6.95



**NEW****Dinosaur Rubbing Plates**

6 beautifully detailed dinosaur rubbing plates. Includes a guide with craft ideas. Rubbing plates measure 18 x 18cm.

RE5823

6 pieces

\$17.95

**NEW**13 A3 Size  
CARDS**Dinosaurs Poster Size Cards**

Introduce your class to 12 of the most interesting dinosaurs of all time, including Ankylosaurus, Brachiosaurus, Iguanodon, Stegosaurus, and Triceratops, plus cards on the Mesozoic era. Cards feature a coloured picture and detailed information. Consists of 13, A3 learning cards.

DC59053

Set of 12

\$44.95

**NEW****Dinosaurs Bulletin Board Set**

High-quality graphic art renderings of dinosaurs, the largest display of dinosaurs created for the classroom. Also includes a teacher guide. Charts measure 61 x 43cm each.

CD410001

Set of 5

\$33.95



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



## Life Cycles

**Chicken Life Cycle Set**

5+ yrs

Crack open this set of 21 eggs and see the day-by-day development of a chick. The first 20 eggs show a detailed realistic illustration of the chick, a plastic 3D chick is inside the final egg. The eggs and storage tray are numbered for self-checking and easy storage. The durable plastic eggs measure 7cm long. The tray is 38(L) x 21.5(H)cm. Activity guide included.

LER2733      Each      \$57.95

**Grow Inset Four Layer Puzzles**

These 30-piece wooden puzzles show the transformation from birth to adulthood in four phases. The set includes a grandfather, frog, hen and butterfly. Each puzzle is 24cm square. Ages 4+ years

ED7150      Set of 4      \$147.95

**Life Cycle Jigsaw Puzzle Set**

A set of 4 wooden jigsaw puzzles depicting life cycles of a butterfly, duck, frog and tree. Each puzzle has 9 pieces and is 20cm square. Ages 3+ years

JJ013      Set of 4      \$49.95





**Life Cycles Set**

LER6045K Set of 3 \$119.95



These giant magnets teach students in great detail about life cycles of a frog, plant and butterfly on a whiteboard, which will interest all students in the classroom! A great resource for cross-curriculum activities. The activity guide includes detailed information about each step. The largest magnet (butterfly) is approximately 23 x 18cm. Available in set of 3 or separately. Kit contains: 1 x LER6041, 1 x LER6043 and 1 x LER6045.

~~\$125.85~~  
**NOW ONLY**  
**\$119.95**  
 SAVE \$5.90

**1. Giant Magnetic Frog Life Cycle Set**

LER6041 Set of 9 \$41.95

**2. Giant Magnetic Butterfly Life Cycle Set**

LER6043 Set of 9 \$41.95

**3. Giant Magnetic Plant Life Cycle Set**

LER6045 Set of 12 \$41.95

**Life Cycles Chart Set**

This life cycle chart set includes information about frogs, butterflies, frogs, chickens and plants. A separate chart shows a typical food chain. Study each chart individually or display together to show the differences in life cycles. Each sturdy and durable chart measures approximately 43(L) x 56(H) cm.

T38934 Set of 5 \$29.95

**Life Cycle of the Peanut**

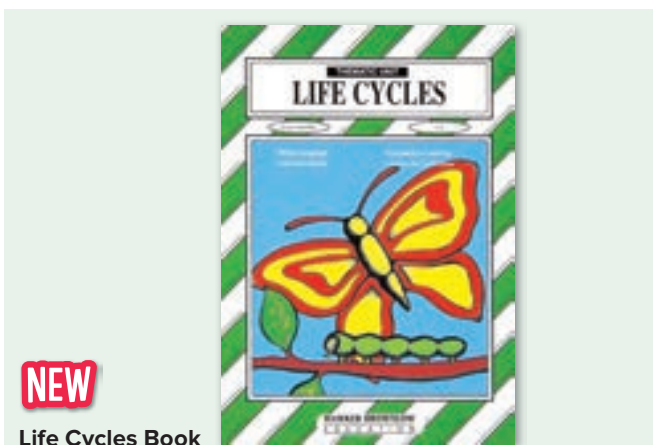
Studying life cycles of plants provides children with numerous learning opportunities to question and describe changes that occur as living things grow. Includes teacher's guide with links to ACARA. Set of 6 resin blocks, 4 blocks measuring 3(L) x 4.5(H)cm and 2 blocks measuring 4(L) x 7.2(H)cm.

KNB2215 \$77.95

**NEW****Life Cycles Poster Size Cards**

Encourage scientific exploration by introducing students to the various stages of growth and development in small creatures. Comprehensive and informative, this set of beautifully illustrated cards features the life cycles of a butterfly, a dragonfly and a frog in up to four stages. Includes ten fact-filled A3 learning cards.

DC59060 Each \$44.95

**NEW****Life Cycles Book**

This comprehensive book encourages co-operative learning and suggestions. Patterns for display boards are also provided. Life Cycles activities cover areas such as the chicken and the egg, butterflies, frogs, caterpillars and extended activities.

DC58050 Each \$32.95

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

## Mini Beast Life Cycles

### Mini Beast Life Cycle Super Kit

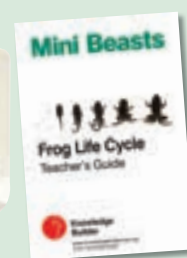
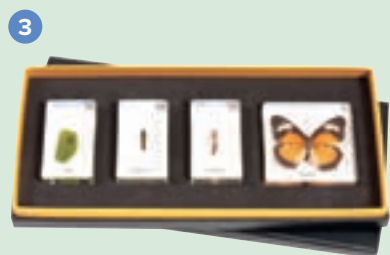
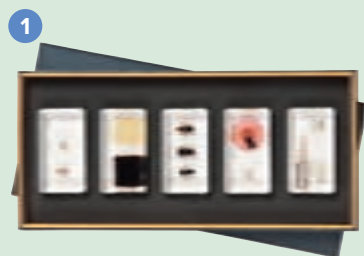
KNB2215K

Set of 5

\$358.95

This kit includes one of each: Mini Beast Life Cycle of the Silkworm (KNB0003), Mini Beast Life Cycle of the Honey Bee (KNB0004), Mini Beast Life Cycle of the Frog (KNB2611), Mini Beast Life Cycle of the Butterfly (KNB2711) and the Life Cycle of the Peanut (KNB2215).

~~\$381.75~~  
NOW ONLY  
**\$358.95**  
SAVE \$22.80



#### 1. Mini Beasts Life Cycle of the Honey Bee

The set includes 5 resin blocks, showing the eggs, larva and pupa, the drone, queen and worker, foundation and honeycomb, pollen, beeswax and honey and a worker bee on a flower. Teacher's guide included. Each block measures 4(L) x 2(W) x 7(H)cm.

KNB0004

Set of 5 specimens

\$77.95

#### 2. Mini Beasts Life Cycle of the Silkworm

The set includes 5 resin blocks measuring 4(L) x 2(W) x 7(H)cm, of the eggs of silkworms, the silkworm, the cocoon, the moth and threads of silk. A teacher's guide is included.

KNB0003

Set of 5 specimens

\$77.95

#### 3. Mini Beasts Life Cycle of the Butterfly

Shows the development of the butterfly in four stages. Largest resin block measures 7.3(L) x 1.5(W) x 7.3(H)cm. Supplied in storage and display box. Teacher's guide included.

KNB2711

Set of 4 specimens

\$77.95

#### 4. Mini Beasts Life Cycle of the Frog

Shows the development of the frog in six stages. Each resin block measures 3.3(L) x 2.2(W) x 6(H)cm. Supplied in storage & display box. Teacher's guide included.

KNB2611

Set of 6 specimens

\$69.95



**NEW**

### Life Cycle of a Chicken Poster

Each stage of the chicken life cycle is clearly depicted on this easy-to-understand poster. The resource guide on the back provides ideas for displaying and use of these posters in science, language and craft classes. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59055

Each

\$6.95

**NEW**

### Life Cycle of a Frog Poster

Clearly depicted illustrations help children learn. Excellent teacher resource guide on the reverse about the lifecycle. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59056

Each

\$6.95

**NEW**

### Life Cycle of Butterfly Poster

Discover the different stages of the butterfly life cycle with these colourful pictures. Features a teacher resource guide with activity ideas on the back. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59057

Each

\$6.95

**NEW**

### Life Cycle of a Plant Poster

Educational poster with bright, colourful illustrations to help children learn. The drawings are easy to understand and fun to look at. Resource guide on the back provides activity ideas. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59058

Each

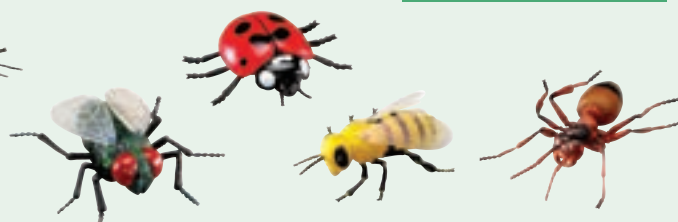
\$6.95



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



## Habitats



\$409.75  
**\$359<sup>95</sup>**  
 SAVE \$49.80

**Kit includes**

- Typical Flower Model
- Mini Beasts Large Insects & Spider Set
- Body Basics Set
- Mr Face Felt Activity Set
- Jumbo Insects – Set of 7

**External Features of Living Things Kit**

The items in this biology kit will teach students about the external features of plants, insects and humans. Contents may vary.

ESC001B

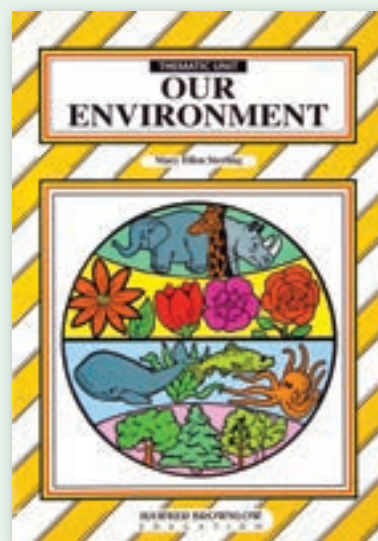
\$359.95

**Animal Habitats Game**

This game allows children to compare animals in familiar habitats with animals found in less familiar habitats. The 4 double-sided A4 playing boards feature a single habitat on one side (coast, woodland, polar and desert) and a habitat bingo game on the reverse. Teacher's notes are included to cover detailed facts about all the animals such as animal type, diet, life expectancy and species. Cut out photocopyable animals are also included to cover both the featured habitats and other habitats.

ZZ0046

\$49.95

**NEW****Our Environment Book**

Includes literature selections, planning guides, writing ideas, homework suggestions, curriculum connections, group projects, a culminating activity and a reading list. Our Environment activities are based on the following books: The Wartville Wizard (Don Madden) and The Great Kapok Tree (Lynne Cherry) and includes exercises across the curriculum.

DC58072

\$29.95



## LED Slide Viewer included

**NEW****Water Mini Beast Slides & Viewer**

This set includes 2 vertebrate specimens, a fish and a newt and 4 invertebrate specimens representing the cnidaria, echinoderms, annelids and molluscs groups. These specimen slides provide an opportunity to introduce children to the classification of the Animal Kingdom and the challenge of mastering big words. The Teacher's Guide includes classification and labelling BLM's and activities to extend children's curiosity. The Mini Beast specimens look amazing when illuminated.



KNBS02

\$89.95

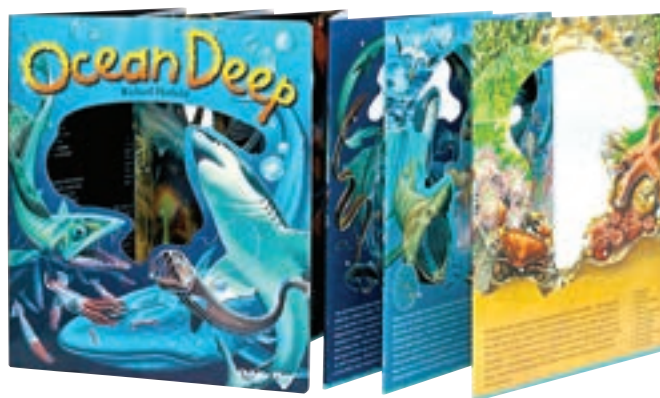
**Underwater Sea Life Felt Kit**

A deep blue sea sets the scene for water-world adventures. Dolphins, whales and all sorts of exotic sea life are ready to play a role in underwater tales. The felt background measures 91 x 66cm and includes 40 underwater felt creatures. Supplied with a descriptive booklet. Ages 5+ years

LV2385

41 pieces

\$49.95

**NEW****Ocean Deep - Panel Book**

From the sunlit surface to the darkness of the deep, this book explores the fascinating life forms that exist in our oceans. Peer in to the depths of this tunnel effect book and investigate each zone of the ocean. The book measures 26.8 x 24.5cm and has 12 panels.

CP929

Each

\$19.95

**Ocean Life Bulletin Board Set****NEW**

This Ocean Life bulletin board set includes 4 charts, each 43 x 61cm and a resource guide. From shallow water to the deepest recesses. When assembled, this bulletin board features a 172 x 61cm display of ocean life, including special comprehensive information blocks that describe the different life forms found in the sea. Colourful and beautifully illustrated. A classroom essential.



CD610032

\$24.95



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



## Habitats

**NEW****Minibeasts Habitat Discovery Set**

Get your hands (imaginarily) dirty with this wonderfully creative Mini Beasts set. Comprising of 6 interactive "rooms", learn about different Mini beasts in their environment. Made up of caterpillars, beetles, spiders and worms to name a few, children can move the pieces about Nature's homes, with this high quality wooden set. Measuring 45 x 30 x 17cm it is recommended for children aged 2+ years.

FR462

15 pieces

\$79.95

**NEW****Tropical Rainforest Book + Series**

Start investigations on a tropical rainforest habitat using this excellent foam model. It illustrates the major factors that affect this biome, and introduces several typical inhabitants. It also covers a variety of adaptations that enable plants and animals to live in this unique environment.

QE69010

\$49.95

**NEW****Pond Habitat Book + Series**

Use this unique foam pond of lake habitat models with the students as a group or class activity. It illustrates the major factors that affect this biome, and introduces several typical inhabitants. It also covers a variety of adaptations that enable plants and animals to live in this environment.

QE69016

\$49.95

**NEW****Urban Habitat Book + Series**

This teaching model is designed to introduce students to the habitat of the urban environment. It illustrates the major factors that affect this unique biome, and introduces several typical inhabitants. It also covers a variety of adaptations that enable plants and animals to live in this challenging environment.

QE69018

\$49.95

**NEW****Desert Habitat Book + Series**

Use this foam model to introduce students to the desert habitat. It illustrates the major factors that affect this biome, and introduces several typical inhabitants. It also covers a variety of adaptations that enable plants and animals to live in this environment.

QE69012

\$49.95

**NEW****Ocean Habitat Book + Series**

This teaching model is designed to introduce students to the ocean habitat. It illustrates the major factors that affect this biome, and introduces several typical inhabitants. It also covers a variety of adaptations that enable plants and animals to live in this vast and challenging environment.

QE69014

\$49.95





### Primary Science Outdoor Discovery Set

Explore plants, bugs, and more with these outdoor tools for some naturally fun experiments. Ten double-sided activity cards include easy-to-follow experiments to capture, create, and observe the world outside. Includes a sprouting jar with 2 lids, watering can, 3 plant pots and plant markers, big view bug jar, handy scoopers™, and activity guide. Sprouting jar measures 10(H) x 8cm in diameter at opening. Ages 3+

LER2826

Each

\$49.95



### Big View Bug Jars

Adorable jars have ladybird wings that open to invite little learners to investigate insects. Even children who normally shy away from bugs will be excited to capture and observe specimens in these engaging observation jars. Wings open to reveal a 3.5x magnifying lens. Screw-on cap and air vents keep specimens secure. Durable plastic jars measure 11.5 x 9cm in diameter.

LER2781

Set of 6

~~\$76.95~~ \$69.95

LER2781K2

Set of 12

\$129.95



### Rainbow Magnifiers with Stand

These jumbo magnifiers are made from high-grade ABS, perfect for classroom use. Their chunky design makes them perfect for young children to use. Magnifier including frame is 12(L) x 18(H)cm, the lens measures 6.5cm in diameter. Contents: 6 magnifiers in 6 colours with a glass lens (two 3x, two 5x and two 8x magnification) and a wire storage rack.

KNB001

Set of 6

\$89.95



### Binoculars

These personal binoculars come in a carry pouch and feature a die-cast body, coated glass lens, a lint free cloth and a safety neck strap. It has a 4x zoom and the lens is 3.2cm.

FD009

\$21.95

6 or more – Each

\$19.95



NEW

### Bugnoculars

Take a closer look! Opens wide to let critters and other insects in and out of the double seal designed to keep the smallest bugs inside. Features water tight bottom to hold water for viewing wet creatures and air holes to keep critters alive. Includes two tweezers.

LL50140

Each

\$13.95



### Jumbo Magnifiers with Stand

Observe on a grand scale with extra-large magnifiers, sized perfectly for small hands. Flip-out stands on each magnifier allow for engaged, hands-free viewing. Each magnifier's super-safe, plastic lens measures 11.5cm in diameter and offers 4.5x magnification. Set of 6 comes organised in a convenient stand. Magnifiers measure 20cm long.

LER2884

Set of 6

\$69.95



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



## Habitat Study

**Bug Viewer**

Children can observe everything small with this crystal clear plastic container with built-in air holes. It has two magnifying lids, one with 2x magnification and one with 3.5x magnification. Size: 7cm diameter x 8cm high.

FD005K	Set of 10	\$65.95
FD005	Each	\$6.95

Extra large  
for easy  
viewing

**Giant Bug Viewer**

This giant bug viewer allows kids to observe micro insects in a macro way! This ventilated bug viewer can be opened on both sides for easy access. Its large size (13.5cm high) makes it a versatile viewer for both small insects and larger specimens. With 5x magnification.

APBL150K	Set of 6	\$56.95
APBL150	Each	\$10.95



SET OF 6  
**\$99<sup>95</sup>**  
SAVE \$19.75

**Two-Way Bug Viewer – 4x**

Allows 2 people to view simultaneously with this top and bottom view Bug Viewer. With easy grip handles for young hands!

FD0201-6	Set of 6	\$99.95
FD0201	Each	\$19.95

**Jumbo Specimen Viewers**

Kids get a close-up look with these magnifying viewers! 8cm wide with built-in viewers to measure specimens. Targets standards in the areas of making observations, using a variety of science tools and conducting investigations.

LS876A	Set of 12	\$78.95
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3+  
yrs





BUY SET OF 6  
& SAVE  
**\$19<sup>75</sup>**

Set of  
**6**

### Bigjigs – Wooden Magnifying Glass

This lovely, natural wood magnifying glass is perfect for helping children get closer to nature. Perfectly sized for small hands it measures 12 x 23cm long. It is a set of 6 magnifying glasses.

**BJT305-6K**

Set of 6

**\$99.95**



### Hand Magnifiers

Securely set lens in plastic frame with an easy-to-grip handle. Smallest magnifier is 11cm long (3x and 8x), medium magnifier is 15cm long (3x and 6x) and the largest measures 19cm long (2x and 5x).

FD04000	Set of 3	<b>\$21.95</b>
FD04038	3x & 8x – 11cm long	<b>\$5.95</b>
FD06036	3x & 6x – 15cm long	<b>\$8.95</b>
FD08025	2x & 5x – 19cm long	<b>\$9.95</b>



**NEW**

### Magnifier Bi-Focal

For a large or small scientific perspective. Features both 3X big lens and 7X small lens. Zero distortion, twice the fun. Suitable for ages 3 and up. 11.5cm(L). (Pack of 10 not supplied in storage container.)

**NK50136K**

Pack of 10

**\$17.95**

**TFC50042**

Pack of 30

**\$59.95**



Pack of  
**12**

### Hand Magnifiers

View objects up close with this set of 12 magnifiers. Each magnifier measures 15.5cm long, with a diameter of 7.5cm. The magnification is 5x. Both the frame and handle are made of plastic. Perfect for little hands!

**NK2804**

Pack of 12

**\$41.95**



### Invicta – Magnifying Set

The large magnifying set is ideal for inspecting specimens from nature trips. The millimetre grid on the base of the pot means that the actual size of the specimen is easily recorded. The stand (supplied) also makes it an excellent free-standing desk-top magnifier (lens magnification: x2.3). Supplied with a product guide. The magnifier measures 10 x 11cm.

**IP0811**

Each

**\$37.95**



**NEW**

### Bug Rubbing Plates

Bug Rubbing Plates are versatile and fun for art, design, science, geography and much more! This hands-on, easy to use product is sure to enhance learning concepts. Add texture to artwork by placing paper over a plate and rubbing with a crayon, marker or pencil to make the design emerge. Each set includes a guide with craft ideas. Rubbing plates measure 18 x 18cm.

**RE5843**

6 pieces

**\$17.95**



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



## Habitat Study

### Handy Microscope with Bug Container

This all-in-one handheld microscope includes a collection vial with air-holes and built-in 3x magnifier. Observe nature like never before with the up-close 40x magnification and built-in LED light. Includes a built-in carabiner for easy attachment to backpacks or belt loops.

EN5300 Each \$17.95



### Invicta – Bug Pots

Children will find the bug pots a useful addition to their study of nature. The individual transparent pots with magnifying lids can be used to observe findings. Each pot measures 4.5 x 5.2cm.

IP0401	Set of 10	\$27.95
IP0401-30	Set of 30	\$75.95

High powered  
magnifying  
glass cover



**NEW**

### Mini Bug Jar

Catch insects and place them inside this mini bug jar. Students can hang their specimen around their necks for further study. Includes high power magnifying glass cover and fluorescent string. 4.5cm(H) x 4cm(dia). Ages 3+ years

DC50137	Each	\$1.95
10 or more – Each		\$1.80



### Critter Canister

You can now examine all your little critters up close, in our 7.5cm acrylic bug viewer. Each canister features a 2X magnifying lens, built into the lid, with 8 breathing ducts for proper ventilation and measuring grid in the bottom. Also useful for close up examination of flowers, plants, or stamps and coins.

NK50731 Each \$3.95



### Petri Dish

Plastic petri dish for studying microbes. Illustrated bugs not included.

NK50804	90mm – 100 Pack	\$34.95
NK6605-25	70mm – 25 Pack	<del>\$15.00</del> \$10.70





**NEW****Bug Hunter (Pooter)**

Includes filter to prevent swallowing. Measures 10cm(H).

CT34028

Pack of 5

\$39.95

**NEW****Butterfly Net**

Small scientists need great tools. Send them out on an adventure to catch flying insects for closer study! Strong plastic with soft netting material. Extendable handle up to 100cm total length. Suitable for ages 3 and up.

NK50139

Each

\$9.95

**NEW****Insects Poster Size Cards**

Expose your students to an interesting variety of insects and their habits. This set of illustrated cards features facts about 25 insects. Also included are diagrams showing growth and development and the anatomy of an insect. Contains one A3 learning card and 26 A4 learning cards.

DC59063

Each

\$44.95



Set 1



Set 2

**NEW****Bug Blocks**

Learn: identification, proper methods of collecting and mounting, how to record details in a journal, identifying their habitats, the importance of the food chain and environmental impacts and how to describe lifecycles to reflect complete and incomplete metamorphosis. Choose from two sets.

NK50144

Set 1

\$34.95

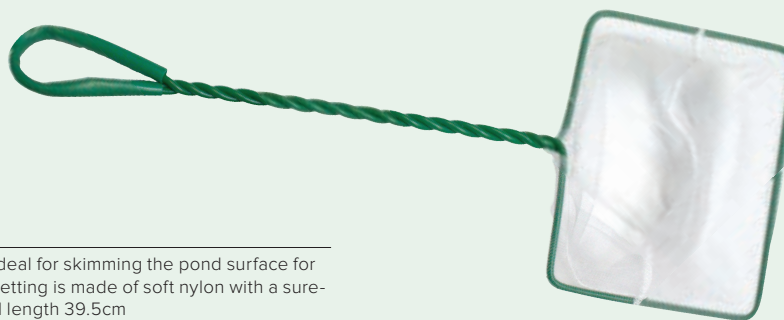
NK50145

Set 2

\$34.95

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

## Habitat Study

**NEW****Pond Net**

This all-purpose sturdy pond net is ideal for skimming the pond surface for debris or other pond related uses. Netting is made of soft nylon with a sure-grip handle to prevent slipping. Total length 39.5cm

DC50157	Each	\$5.95
DC50157K	5 piece	\$25.95

**NEW****Pond Habitat Book + Series**

Use this unique foam pond of lake habitat models with the students as a group or class activity. It illustrates the major factors that affect this biome, and introduces several typical inhabitants. It also covers a variety of adaptations that enable plants and animals to live in this environment.



QE69016	Each	\$49.95
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~~\$145.00~~  
**\$139.95**  
 SAVE \$5.05

**NEW****Ponding Equipment Kit**

Ponding fun! All the necessary equipment for ponding investigations. Children can collect samples of water, insects, plants and even test the pond water for acidity and toxic pollutants. Includes: 2 x pond dippers, 10 x plastic collection jars, 7 x ponding nets, 10 x specimen jars, 10 x petri dishes, 10 x tweezers, 20 x self-seal plastic bags, 2 x trays, 10 x pipettes and 2 x bug viewers.

TFC50154	83 pieces	\$139.95
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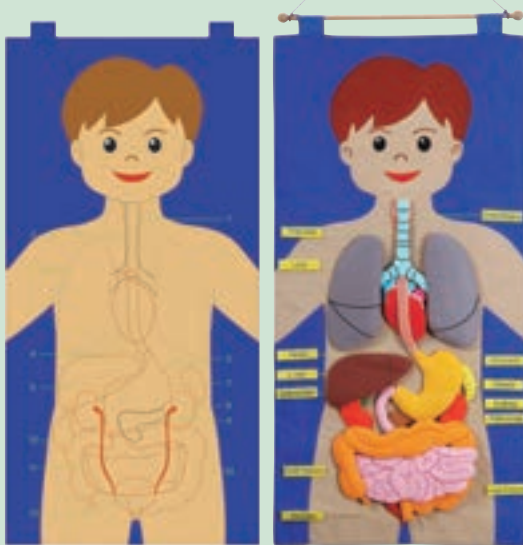
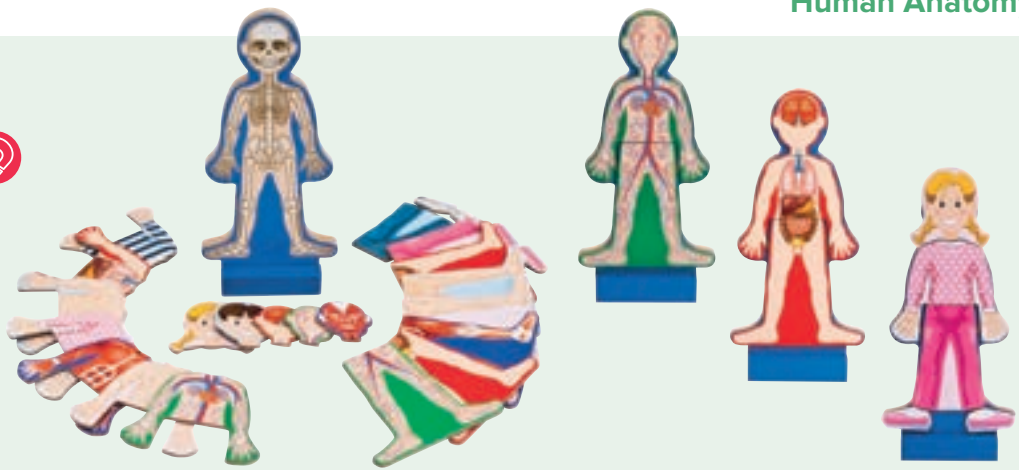


### Magnetic Human Body Dress-Up



Better than x-ray vision, this magnetic wooden figure is a fantastic learning aid! Help children visualise the skeleton, internal organs, circulatory system, and more, by placing magnets on the body. Set includes anatomically correct magnets for boys and girls and a wooden stand (approx. 22cm high).

MND3589 26 pieces \$28.95



### My Body Felt Wall Chart

This felt chart has 15 attachable Velcro organs and 13 name labels, which helps students to place and label organs correctly. By linking the labels to a number, students can check if they placed the organs correctly. A great resource for curriculum topics! Size: 50 x 70cm.

KD4603 28 pieces \$79.95



### My Body in Action

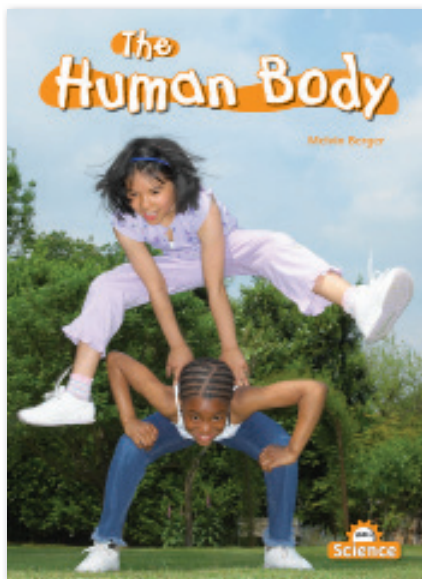
Take your students on a tour of the human body! 10 beautifully illustrated animation cards depict the intricate details of body systems. Move the cards from side to side to observe the processes of various organs, from light entering the eye to blood flowing through the arteries, veins and heart valves! Includes: 10 cards (22 x 28 cm) and guide.

RE9270 Set of 10 \$29.95

### The Human Body Big Book

Students learn about systems of the body and their functions, nutrition and health. Size: 33.3(L) x 47.5(H) cm. Ages 4+ years

NW5770 \$49.95



**NEW**

### Body Snap

Snap to it! Not only is this game fun, it contains important content that gives students a flying head start and positive attitude towards learning. Deck contains 52 cards, plus instruction booklet.

TFC50595 Each \$8.50



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



## Human Anatomy

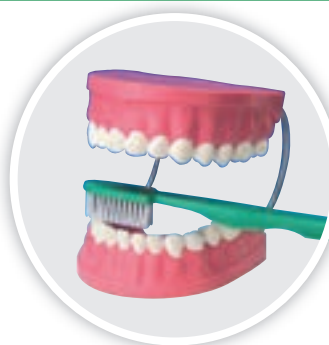
**NEW****Tooth Model**

This sturdy model is dissectible into two parts, showing the internal structure of the tooth.

NK50540

Each

\$39.95

**Giant Dental Care & Toothbrush Set**

Demonstrate students good oral hygiene with this teeth and toothbrush set and clean hard-to-reach areas. Size teeth: 16cm across, toothbrush is 36cm long.

FDTH01

\$49.95

**NEW****Human Skeleton Model**

Explore how the bones support the body, relate to the circulatory system and protect organ systems. Photo-illustrated instructions make assembly easy. Features skull, rib cage, humerus, spinal column, radius, ulna, hand, pelvis, femur, tibia, fibula, foot and partial circulatory system. Includes 41 piece plastic model, display stand and guide with skeleton facts. Skeleton stands 23.4cm(H) when complete.

LER3337

Each

\$34.95

**NEW****Human Body Anatomy Model**

Take a peek under the skin! Using the photo-illustrated instructions, students assemble this realistic, 31 piece model and gain a hands-on understanding of how organs and systems interact. Features brain, skull, heart, rib cage, lungs, liver, stomach, pancreas, kidneys, intestines and spine. Includes 31 piece torso model, display stand and guide with anatomy facts. Stands 11.4cm(H) when assembled.

LER3336

Each

\$34.95

**Giant Teeth Demonstration Model**

Excellent model for demonstrating dental hygiene and tooth care. This 2x actual size model can be manipulated in a hand-puppet fashion and comes complete with toothbrush. 15 x 18.5 x 14cm.

NK50544

Each

\$59.95

Double sided

**Double-Sided Magnetic Human Body**

Twice the learning! A skeletal system on one side and major organs and muscle groups on the other! Set includes 17 realistically detailed pieces and an activity guide with reproducible diagrams. Size: 90cm.

LER6044

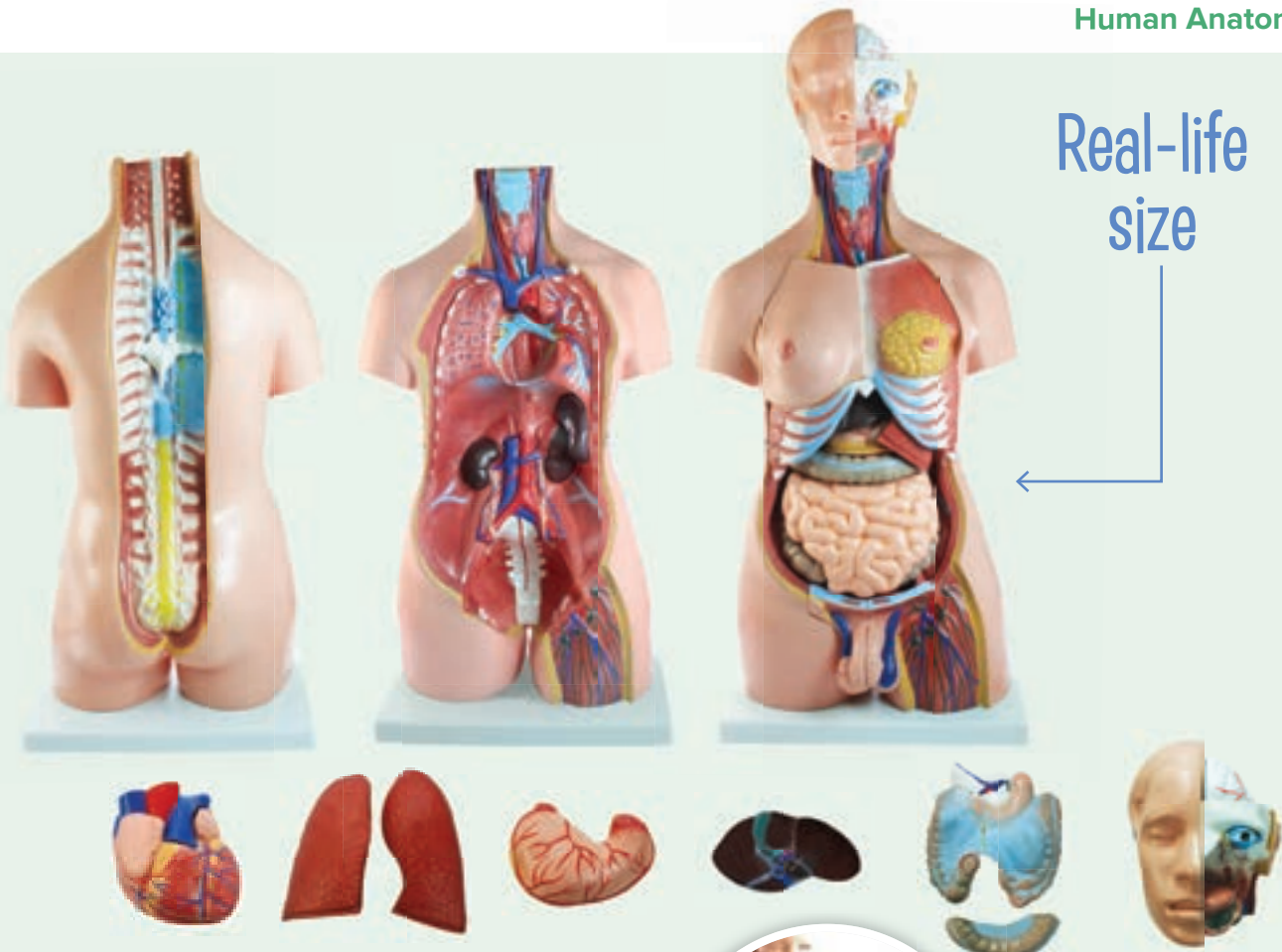
17 pieces

\$43.95





Real-life  
size



### Real-Life Size Unisex Human Torso

This outstanding torso features an exposed spine with removable vertebra and spinal cord segments, a female breast plate and interchangeable male and female genitalia. The female organs include a foetus in the womb. Dissected into 23 parts: torso, female breast plate, head, eyeball, brain, vertebra spinal nerves, lung (2 parts), heart (2 parts), liver, kidney, stomach (2 parts), intestines (4 parts), male genitalia (2 parts), female genitalia with foetus (3 parts). Made of PVC plastic. Mounted on a plastic base. Size: 85cm high.

NK0306

23 parts

\$389.95



**NEW**

### Torso with Muscles and Open Back

This torso shows the human anatomy and organs on one side of the model, and the muscular structure of the body on the other half of the model. The highly detailed torso is perfect for high schools. The model is real life size (70cm high) and has 19 detachable parts: half of the brain, the eye with muscles and optic nerve, two lung halves, the heart in 2 parts, the bronchial tree, the liver, the stomach, the small and large intestines with appendix flap, the kidney cover, the bladder with female pelvic floor and the first lumbar vertebra. Part of the neck and back are opened to show the vertebral column, the spinal cord and its meninges and nerves. The torso is mounted on base and comes with a numbered key card. The model measures 38 x 24 x 70cm approx. Weight is 5.5kg approx.



EIS0009

19 parts

\$2,699.95



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



## Human Anatomy

## Cross Section Models

LER1903K Set of 4 \$115.95

This kit includes one of each of the cross-section models: human brain (LER1903), tooth (LER1904), eye (LER1907) and heart (LER1902).

**SUPER  
BUY**

~~\$126.80~~  
NOW ONLY  
**\$115.95**  
SAVE \$10.85


**1. Cross Section of Human Brain Model**

Features frontal, occipital and temporal lobe, cerebrum, medulla oblongata, thalamus, cerebellum, hypothalamus and more. Size: 12.5cm.

LER1903 Each \$25.95

**2. Cross Section of Tooth Model**

Features enamel, dentin, pulp, cementum, nerves, blood vessels, root and crown. Size: 12.5cm.

LER1904 Each \$26.95

**3. Cross Section of Eye Model**

Features cornea, iris, pupil, retina, lens, optic nerve, vitreous humor, sclera, choroid, macula, ciliary muscle, optic disc and zonules. Size: 12.5cm.

LER1907 Each \$34.95

**4. Cross Section of Human Heart**

Features aorta, pulmonary artery, left & right atrium, inferior & superior vena cava tricuspid valve, pulmonary valve, aortic valve, mitral valve and left ventricle. Size: 12.5cm.

LER1902 Each \$38.95


**Anatomy Human Torso Set**

This model shows students exactly where all organs go. They will develop an understanding of anatomy in a fun way with these 11 detachable plastic organs. A great resource for Science curriculum activities. Includes a full colour instruction. Size: 50cm high.

FD05001 11 pieces \$129.95  
4 or more – Each \$99.95



BUY SET OF 4  
& SAVE  
**\$785**

**Anatomy Model**

Children will have a better understanding of anatomy as they examine this model. The model comes with 6 detachable parts, a torso and a base. Supplied with a fully illustrated colour instruction manual. Size: 27cm high.

FD0278-4K Set of 4 \$171.95  
FD0278 Each \$44.95



BUY SET OF 5  
& SAVE  
**\$16<sup>80</sup>**

### 3D Virtual Spinners - The Senses

The 3D virtual spinners use augmented reality technology to take students into amazing 3D learning environments. Bring complex anatomy models of the 5 senses to life and examine them in detail. Perfect for individual or group learning. Download the app, point your device at the Spinner and see it come to life! It contains facts, dissections and animations to further the students' knowledge. Visit our website for minimum system requirements.

QE69160K	Set of 5	\$132.95
QE69160	Eye	\$29.95
QE69162	Skin	\$29.95
QE69164	Tongue	\$29.95
QE69166	Nose	\$29.95
QE69168	Ear	\$29.95



### Human Eye Model – 6x Enlarged

This human eye model is about six times enlarged and has 6 parts. It comes with a horizon section of the eyeball wall. Sclerotic membrane, choroids membrane, lens and vitreous humour are removable. The blood supply and the origins of the muscles which control the eyeball movements are also shown. On a stand with base. Size: 12 x 12 x 19cm

NK0401 \$64.95



### Human Ear Model

View the fascinating internal parts of the ear. Three times enlarged. Ossicles and labyrinth can be removed. 30 x 16 x 9cm.

NK50542 \$32.95



### Human Ear Model - 5 Parts

This hand painted human ear model has the following removable parts: petros portion of the temoral bone section of the auditory canal, labyrinth, tympanic membrane with malleus, and incus. The model is 4 times enlarged.

EIS0042 \$149.95



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



## Human Anatomy

**NEW****Human Body System Poster Size Cards**

Explore the wonders of the human body. This informative 10 poster set features the Circulatory, Digestive, Endocrine, Integumentary, Muscular, Nervous, Reproductive, Respiratory, Skeletal and Urinary systems. Each full-colour poster includes a short overview of the system as well as labelled three-dimensional images. 42 x 29.7cm.

DC59013

Set

\$44.95

**NEW****Human Body Bulletin Board**

Clearly depicts systems of the human body - skeletal, muscular, digestive, cardiovascular, respiratory and nervous. Full-colour and clearly labelled for easy reading. Six page resource guide includes preparation and display tips, suggested activities, reproducible activity pages and answer key. 43 x 61cm.



CD1941

\$28.95

**Skull**

This human skull model comes in two parts, the lower jaw is removable. It's made of fibre material and comes in a natural colour. Size: 24 x 16 x 17cm approx.

EIS0126

Each

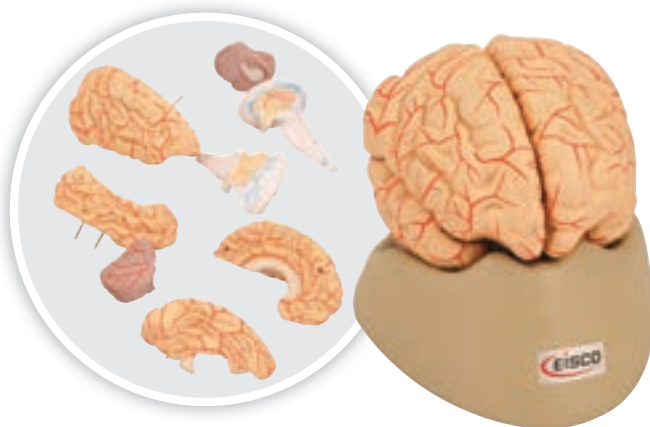
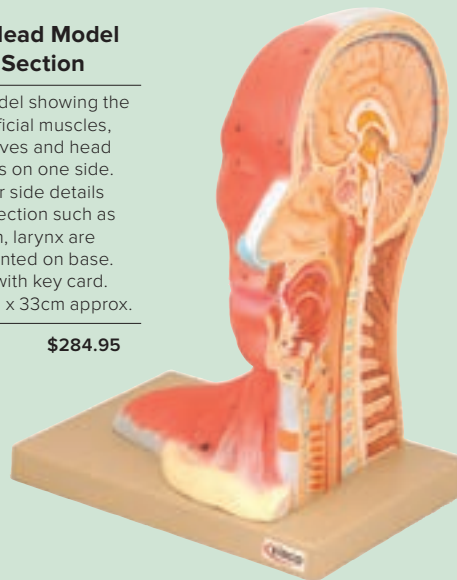
\$59.95

**Human Head Model - Median Section**

Life size model showing the outer superficial muscles, vessels, nerves and head with muscles on one side. On the outer side details of median section such as brain, mouth, larynx are shown. Mounted on base. Numbered with key card. Size 25 x 23 x 33cm approx.

EIS0025A

\$284.95

**Human Brain Model with Arteries – 8 Parts**

Life size, 8 parts medially divided shows the brain arteries as well as the removable basilar artery, both halves can be dissected into temporal with occipital lobes, half of brain stem, half of cerebellum, on removable base. Numbered with key card. Size: 18 x 14 x 14cm approx.

EIS0019

\$172.95

**NEW****Brain Anatomy Model**

Perfect for a deeper understanding of how the parts of the brain work together. Features cerebellum, frontal, parietal, temporal and occipital lobes, corpus callosum, brain stem, hippocampus, ventricles, insula, corpus striatum, internal capsule and lentiform nucleus. Includes 31 piece model, display stand, and guide with facts and photo-illustrated assembly instructions. Measures 9.6cm(H) when assembled.

LER3335

\$34.95





## 3D model

**Heart & Lungs Model - 7 Parts**

This hand painted heart and lung model has the removable parts: larynx (2 parts), heart (2 parts), and lobes of the lung (2 parts). It also shows: wind pipe with bronchial tree, subclavian artery and vein, venacava, aorta, pulmonary artery, esophagus, and diaphragm. Comes numbered on base. Size: 30 x 10 x 10cm.

EIS0068B

\$139.95

**Lung Demonstration Model**

Demonstrate how lungs work with this transparent lung model. Constructed of two rubber balloons, rubber stopper and bell jar. Pull the thin rubber diaphragm at the bottom of the jar down to see the lungs inhale. Push it in and the balloons will collapse (exhaling). The model is 17(D) x 20(H)cm.

NK1805

\$25.95

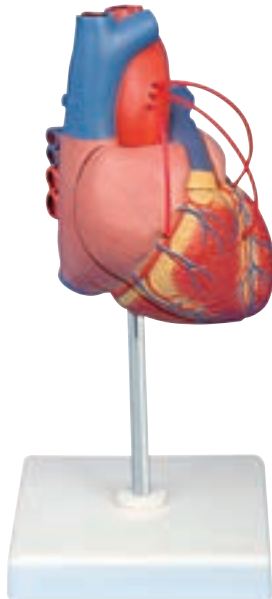
Simply pull the base and the lungs expand!

**NEW****Human Heart – Life Size Model**

This human heart model dissects into 2 parts and is an ideal resource to teach human anatomy in primary and high schools. It helps students understand the relationship of the heart with the large blood vessels. It also shows the routes of the systemic and pulmonary circulation.

NK1307

\$49.95



Mounted on base

61cm

**Human Lungs Model**

This model is slightly enlarged. It shows the shape of the lungs and the bronchial tree. It comes on a stand with a base. The base measures 11.7cm square and model is 20(H) cm.

NK1802

\$129.95

**Human Digestive System -3 Parts**

Life size model showing nose, mouth cavity and pharynx, liver with gall bladder, pancreas and spleen. Transverse colon and front stomach wall are removable. Mounted on base. Numbered with key card. Size 61 x 30 x 8cm approx.

EIS0326D

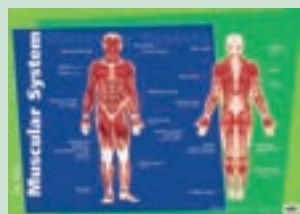
\$229.95



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



## Human Anatomy



## Human Body Charts

A set of 3 double-sided classroom charts of the human body. Each chart is laminated and measures 69.5(L) x 49.5(H)cm. The charts are a great visual tool for students to learn about our organs, skeletal system and muscle groups. Each chart is also available individually.



EC0100K	Set of 3	\$25.10
EC0119	Organs	\$8.95
EC0127	Muscular	\$8.95
EC0135	Skeletal	\$8.95

BUY SET OF 4  
& SAVE  
**\$13<sup>85</sup>**



## Real Working Stethoscope

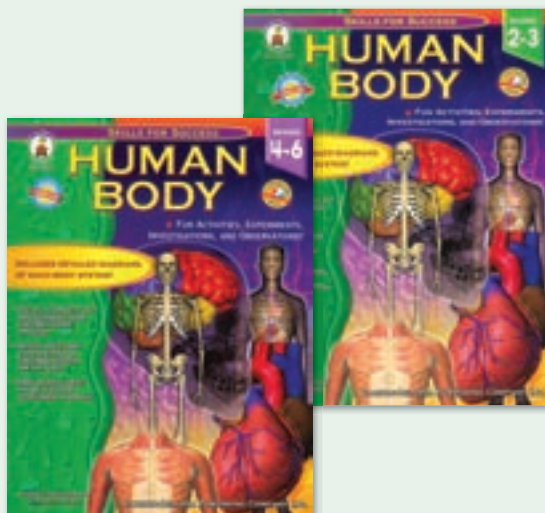
Listen to the sound of a beating heart. This stethoscope really works! It is made of the highest quality materials to stand up to classroom use.

EN2524-4K	Set of 4	\$65.95
EN2524	Each	\$19.95

**NEW**

## Human Body Science Books

Fun activities, experiments, investigations and observations! Each book includes diagrams of each body system and individual organs for students to label and colour; crossword puzzles, word searches, analogies and more to familiarise students with new vocabulary. Activities reinforce and strengthen students understanding of key concepts. Includes an answer key. 128 pages.



CD4328	Book 2-3	\$27.95
CD4329	Book 4-6	\$27.95

**NEW**

## Thermometer Electronic

Gives an accurate temperature without being placed in the mouth. Place the digital thermometer under the arm and record the temperatures of the whole class easily and quickly. 12cm long.

DC50590	Each	\$22.95
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## Human Anatomy &amp; Skeleton Class Pack

This kit is perfect to teach students about the human body, our skeleton and bones, organs and muscles. Included is one real life size unisex human torso (NK0306), 6 student sized anatomy models (FD0278), one life size skeleton model (FD160), and one of each of the charts: organs, muscular system and skeletal system (EC0100K).

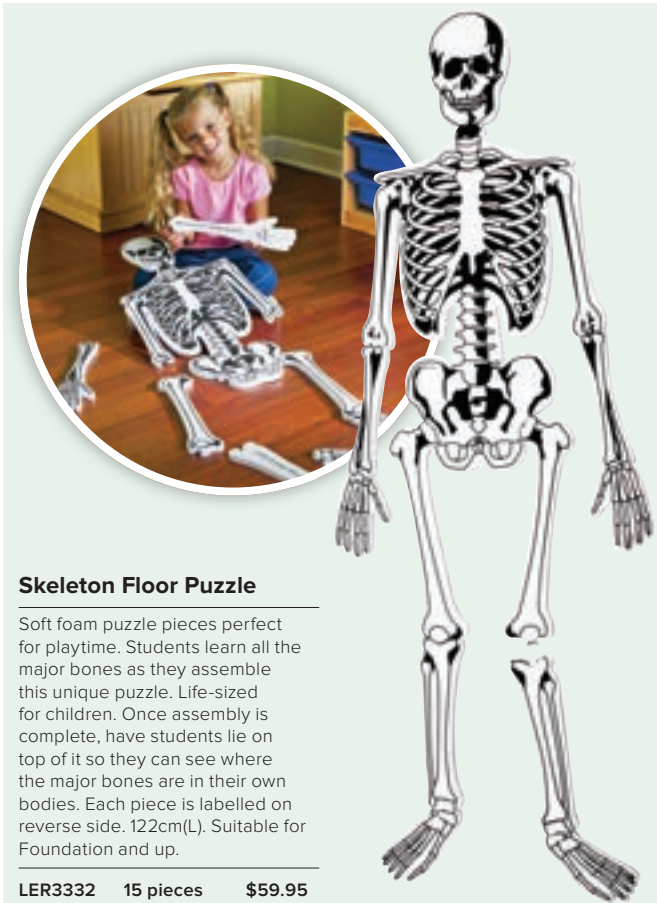
LER6044K	\$967.95
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~~\$1,130.40~~  
NOW ONLY  
**\$967<sup>95</sup>**  
SAVE \$162.45

**SUPER  
BUY**



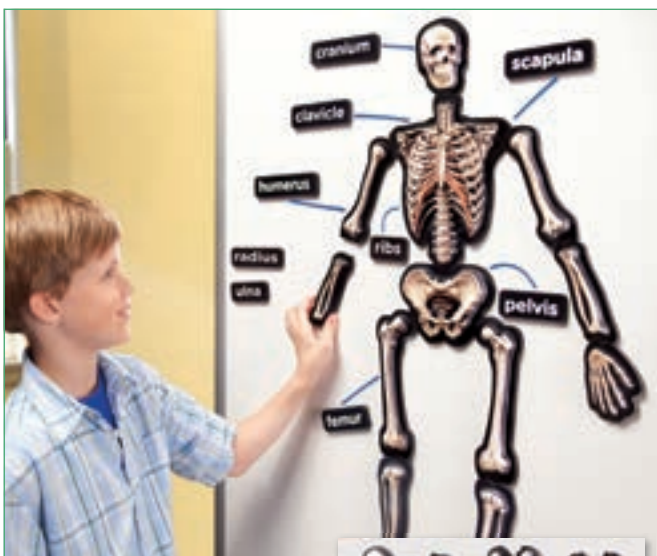




### Skeleton Floor Puzzle

Soft foam puzzle pieces perfect for playtime. Students learn all the major bones as they assemble this unique puzzle. Life-sized for children. Once assembly is complete, have students lie on top of it so they can see where the major bones are in their own bodies. Each piece is labelled on reverse side. 122cm(L). Suitable for Foundation and up.

LER3332 15 pieces \$59.95



### 3D Skeleton Demonstration Magnets

Piece together a human skeleton on a whiteboard! Set includes 15 textured pieces that feel like real bones, 18 magnetic labels and an activity guide with a blackline master to label the bones. Size when assembled: almost 90cm high.

EN1760 \$89.95



### Skeleton Stamp

What a great way to learn about the bones in the human body. 7 x 15cm.

CE50508

**NEW**

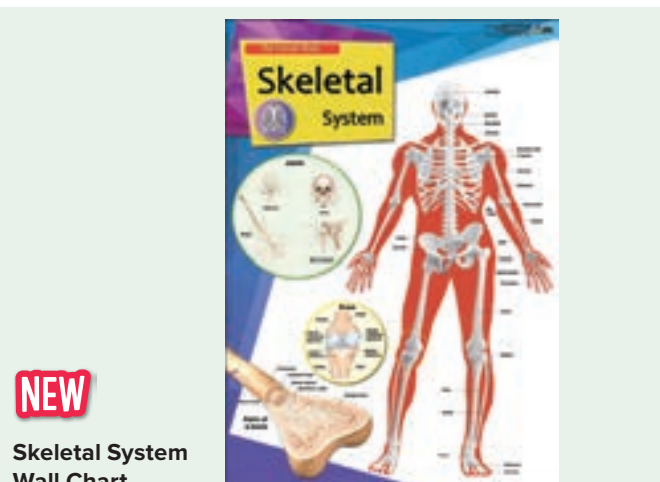
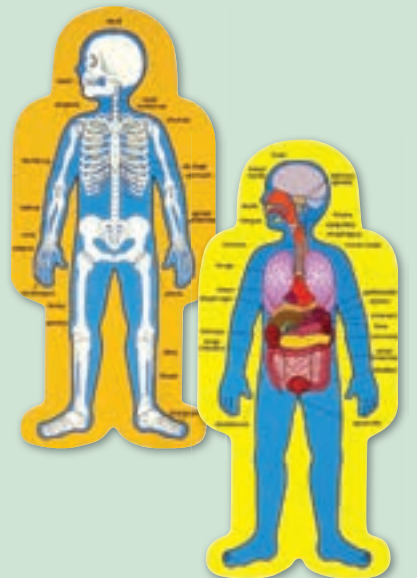
\$29.95

**NEW**

### Child Size Human Body

A helpful resource when locating and identifying, as well as understanding relationships between organs and bones. A set of two full colour, child-size figures (each assembled from three pieces) showing the body system and skeleton all clearly marked. Bodies measure 127cm. Six page resource guide includes activities, reproducible skeleton and organs diagram.

CD3215 Set of 2 \$26.95



**NEW**

### Skeletal System Wall Chart

The skeletal system chart displays the human body. The laminated chart measures 49.5 x 69.5cm and is a great classroom wall display.

EC59081

Each

\$6.95



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



## Human Skeleton

**Mini Skeleton**

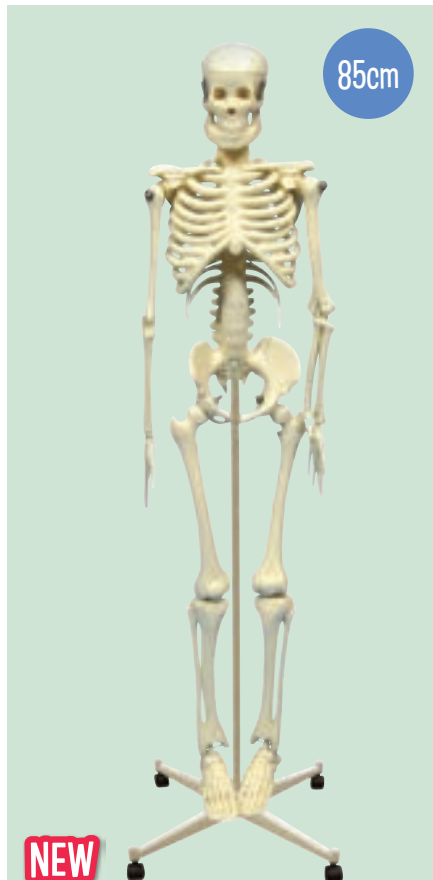
A real-life model of the human skeleton with durable parts and a sturdy stand. Size: 46cm.

FD046      Each      \$25.95

**Skull**

This human skull model comes in two parts, the lower jaw is removable. It's made of fibre material and comes in a natural colour. Size: 24 x 16 x 17cm approx.

EIS0126      \$59.95

**NEW****Human Skeleton**

Anatomically correct skeleton. Large size allows easy identification of individual bones, joints and major structures in the human body. Has 360° movement in joints and full movement in its jaw. 85cm.

NK0003      85cm      \$112.95

**NEW****Human Skeleton**

Take a closer look at the human skeletal system with this human model on wheels. These life-sized bones feature 360° movement at the hip and shoulders and are duplicated in detail for easier inspection. 170cm.

FD160      170cm      \$399.95

**SUPER BUY**

\$654.55  
NOW ONLY  
**\$599<sup>95</sup>**  
SAVE \$54.60

**Skeleton Class Pack**

A great skeleton class pack to learn everything about the bones in our bodies. This kit consist of one life size skeleton (FD160), 6 mini skeletons (FD046), the 3D skeleton demonstration magnets (EN1760) and the skeletal system chart (EC0135).

FD160K      \$599.95



x6



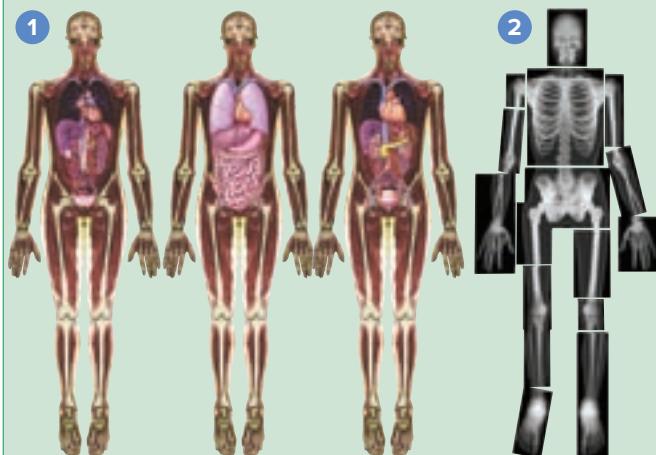


## Human Body X-Rays & MRI Scan Kit

RE5911K Kit \$111.95

This kit consists of one of each of the Look Inside Me - MRI Scan (RE59254) and the True-To-Life Human X-Rays (RE5911).

~~\$119.90~~  
NOW ONLY  
**\$111.95**  
SAVE \$7.95



### 1. Look Inside Me – MRI Scan

Look inside the human body with full-sized, colourful MRI scans! The kit includes a full scan of the entire body (1.5m) along with two overlays revealing more details of internal organs. Rich and detailed images help students understand anatomy. Includes a comprehensive guide focusing on important bones and organs in the body. Compatible with RE5911 True-to-Life Human X-Rays.

RE59254 Set of 3 \$59.95

### 2. True to Life Human X-Rays

Hold these life-sized human X-rays up to the light or use them on a light table and see every authentic detail of a real skeletal system. Arrange the 18 pieces together to reproduce the entire skeleton that is 1.5m tall. The teacher's guide includes reproducible artwork and information on radiography. Includes 18 X-rays.

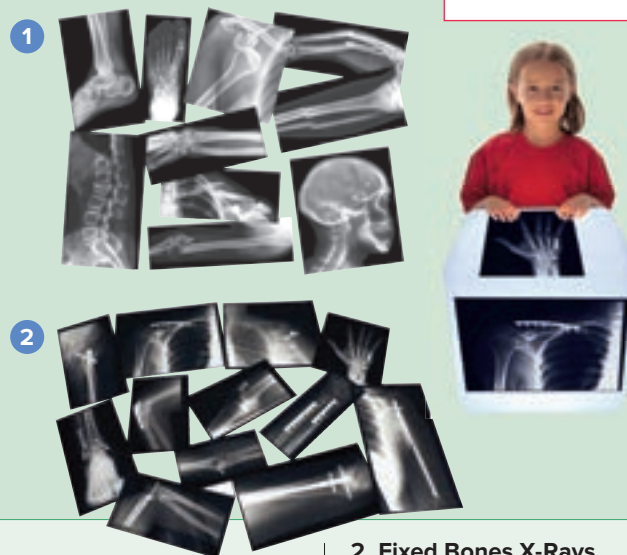
RE5911 18 pieces \$59.95

## Broken & Fixed Bones Kit

RE9255K Kit \$99.95

This kit includes one set of Broken Bones X-Rays (RE5914) and one set of Fixed Bones X-Rays (RE9255), to see how broken bones can be corrected again.

~~\$109.90~~  
NOW ONLY  
**\$99.95**  
SAVE \$9.95



### 1. Broken Bones X-Rays

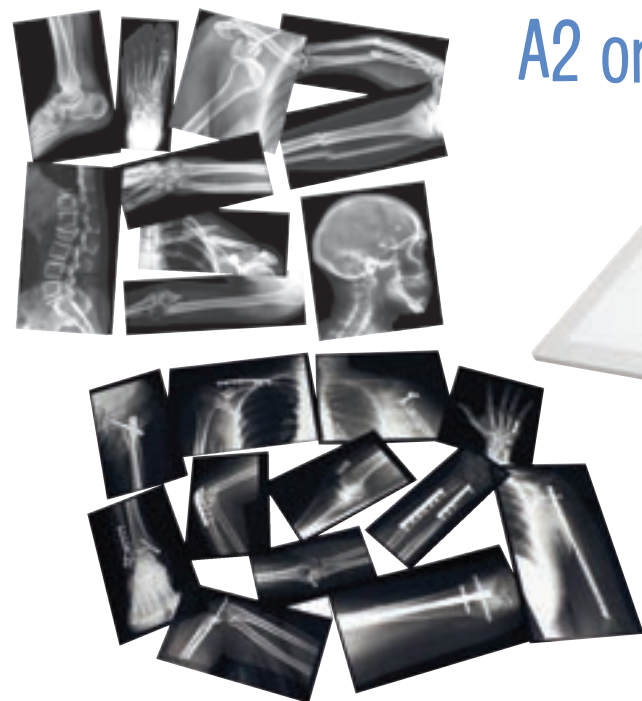
Real x-rays reveal a detailed look of common breaks to a variety of human bones. Hold up to the light or use on a light table. An informative guide is included. A total of 15 x-rays.

RE5914 15 pieces \$69.95

### 2. Fixed Bones X-Rays Cards

Authentic x-ray images show the hardware (plates, screws, nails, pins and wires) used to fix a broken bone. Fourteen added images of the fractures on cardstock correspond to the repair x-rays. Use with a light source to view details as a doctor would! Includes: 14 x-rays, 14 broken bone images on cardstock up to 19 x 28 cm and guide.

RE9255 Set of 28 \$39.95



## A2 or A3 size light panel



**NEW**

### X-Ray Value Packs

Comparing broken bones with healthy bones using a light table makes a fun science activity for students. RE5914K includes: 1 x A3 Ultra Slim Light Panel (KD103), 1 x Fixed Bones (RE9255) and 1 x Broken Bones X-Rays (RE5914). CT50500K includes: 1 x A2 Ultra Slim Light Panel (KD102), 1 x Fixed Bones (RE9255) and 1 x Broken Bones (RE5914).

RE5914K	Pack A – A3	\$239.95
CT50500K	Pack B – A2	\$289.95



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



## Healthy Lifestyle Choices


**NEW**

### Food Photo Learning Cards

An important development tool for early childhood. Includes 46 food photographs, word lists and activity ideas, plus a resource guide in English and Spanish. 11 x 14cm each. Suitable for Foundation to Grade 1.

CD845004

48 pieces

\$29.95


**NEW**

### Food Snap

This card game is not only fun, it contains important content that gives students a flying head start and positive attitude towards learning. Deck contains 52 cards, plus instruction booklet.

TFC50635

Set of 52

\$12.95


**NEW**

### Vegetables Poster

Learn with these brightly coloured pictures and common listed vegetables. Beautifully illustrated poster. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59010

\$6.95

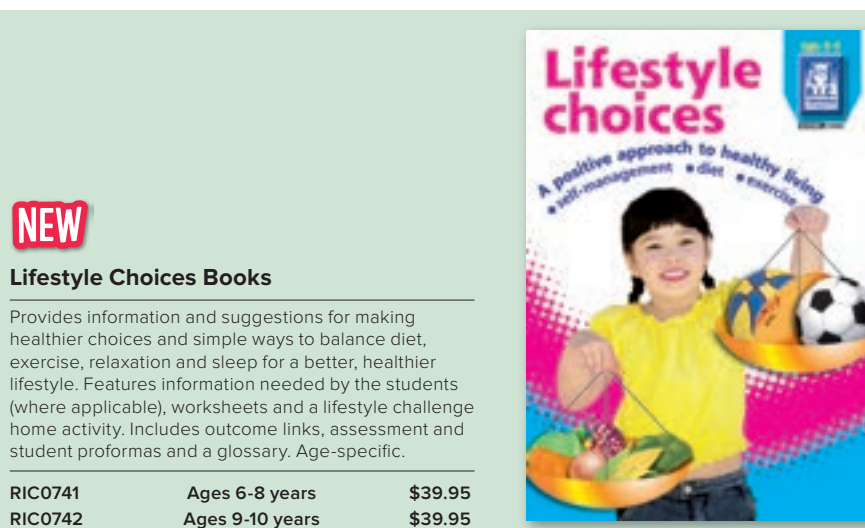

**NEW**

### Fruits Poster

Learn with these brightly coloured pictures and common listed fruits. Beautifully illustrated poster. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59011

\$6.95


**NEW**

### Lifestyle Choices Books

Provides information and suggestions for making healthier choices and simple ways to balance diet, exercise, relaxation and sleep for a better, healthier lifestyle. Features information needed by the students (where applicable), worksheets and a lifestyle challenge home activity. Includes outcome links, assessment and student proformas and a glossary. Age-specific.

RIC0741

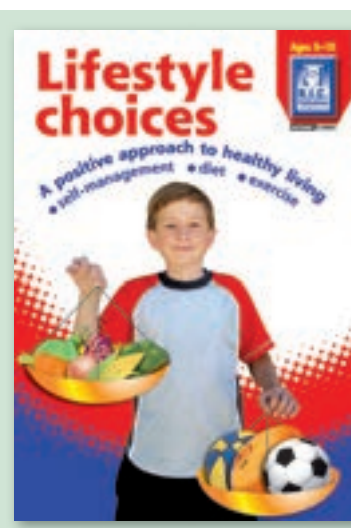
Ages 6-8 years

\$39.95

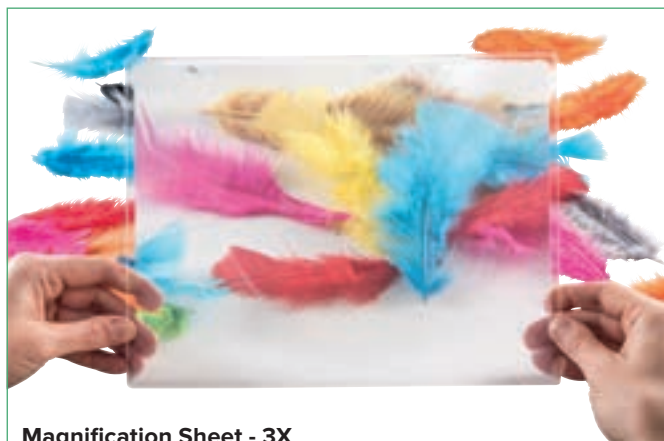
RIC0742

Ages 9-10 years

\$39.95







### Magnification Sheet - 3X

A simple and effective tool for examining plants, rocks and insects, and to improve the legibility of maps, newspapers, books and other objects you would like to see in bigger format. This plastic magnification sheet has 3x magnification and measures 28(L) x 21(H)cm. Ages 3+ years

UB0089

\$7.95



### Tuzzles – Magnifier Investigation Box

Students can investigate various objects up-close with this Magnifier Investigation Box. Examine and compare the textures, the colours and the shapes of both natural and man-made objects and discuss their findings. The box measures 30(L) x 20(H)cm.

BS834

\$57.95



### Jumbo Magnifiers with Stand

Observe on a grand scale with extra-large magnifiers, sized perfectly for small hands. Flip-out stands on each magnifier allow for engaged, hands-free viewing. Each magnifier's super-safe, plastic lens measures 11.5cm in diameter and offers 4.5x magnification. Set of 6 comes organised in a convenient stand. Magnifiers measure 20cm long.

LER2884

Set of 6

\$69.95



### Bigjigs – Wooden Magnifying Glass

This lovely, natural wood magnifying glass is perfect for helping children get closer to nature. Perfectly sized for small hands it measures 12 x 23cm long. It is a set of 6 magnifying glasses.

BJT305-6K

Set of 6

\$99.95



### Rainbow Magnifiers with Stand

These jumbo magnifiers are made from high-grade ABS, perfect for classroom use. Their chunky design makes them perfect for young children to use. Magnifier including frame is 12(L) x 18(H)cm, the lens measures 6.5cm in diameter. Contents: 6 magnifiers in 6 colours with a glass lens (two 3x, two 5x and two 8x magnification) and a wire storage rack.

KNB001

Set of 6

\$89.95



### Hand Magnifiers

Securely set lens in plastic frame with an easy-to-grip handle. Smallest magnifier is 11cm long (3x and 8x), medium magnifier is 15cm long (3x and 6x) and the largest measures 19cm long (2x and 5x).

FD04000	Set of 3	\$21.95
FD04038	3x & 8x – 11cm long	\$5.95
FD06036	3x & 6x – 15cm long	\$8.95
FD08025	2x & 5x – 19cm long	\$9.95



NEW

### Eye Magnifier

3X magnifier for looking at plants, slides and more. Viewing area measures 2.8(H) x 2.2(dia)cm with a 4(dia)cm base.

NK50721

\$7.95



### Hand Magnifiers

View objects up close with this set of 12 magnifiers. Each magnifier measures 15.5cm long, with a diameter of 7.5cm. The magnification is 5x. Both the frame and handle are made of plastic. Perfect for little hands!

NK2804

Pack of 12

\$41.95



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



## Magnification

## Features

- Mechanical Tube Length: 160mm
- 45° Inclined head
- 360° Rotatable
- Eyepieces: WF 10x
- Achromatic Objectives: 4x, 10x, 40x
- Coarse and fine focus.



### Microscope Beginner SJ-8

The perfect microscope for primary grades.

EIS0002D \$219.95

## Features

- Mechanical Tube Length: 160mm
- 45° Inclined Head
- Rotatable 360°
- Eyepieces WF 10x
- Objectives Achromatic 4x, 10x and 40x
- Coaxial coarse and fine focus adjustment
- Stage Abbe 1.25 NA condenser with iris diaphragm
- LED illumination
- Square Area 11 x 11.5cm.



### Microscope Monocular

This versatile, high performance microscope comes with wide field eye pieces and provides a sharp image.

EIS007MM \$256.95

Portable  
in the  
field



**NEW**

### Microscope My First Lab™ Ultimate

A recently upgraded microscope that is now on a new base with a rechargeable battery light source. The detachable AC power cord can be used to power the light or recharge the battery for portable use "in the field". Its battery lasts for hours and can be recharged hundreds of times for years of valuable scientific research!

DC50710 \$199.95

## Features

- Real optical glass lenses
- 10X wide field eyepiece with pointer, three achromatic objective lenses
- 4X, 10X & 40X power
- Magnification from 40X to 400X
- 9 x 9cm stage with clips, 6 hole disc diaphragm and easy grip knob
- Sturdy all-metal construction
- Includes a vinyl dust cover, five prepared glass slides and instruction manual
- 28cm(H) x 15cm(L) x 10cm(W)



**NEW**

### Microscope My First Lab™ Digital

Worth a good look! Use with the digital eyepiece and connect to a computer via the USB port or with the included standard 10X eyepiece. View live colour images, save, edit, add text and even email! Includes: Lab Microscope. Accessories: vinyl dust cover, 5 x prepared glass slides, 4 x plain slides, one concavity slide, 10 x capacity slide box, scalpel, plastic forceps, plastic dropper pipet, cover glass, replacement light bulb and lens paper. Specifications for use with a digital camera: 640 x 480 resolution, auto light contrast and fine focus, software compatible with Windows systems supporting USB (Windows 98 and up).

DC50700 \$249.95



## Features

- 10X wide field eyepiece with pointer, three achromatic objective lenses
- 4X, 10X & 40X power
- Magnification from 40X to 400X
- 9 x 9cm stage with clips
- 6 hole disc diaphragm and easy grip knob with built in 15W illumination
- Digital Eyepiece includes:
  - USB port connection, built-in 10X lens
  - Ulead® Photo Explorer CD-ROM and 3cm adapter suitable for stereo microscope



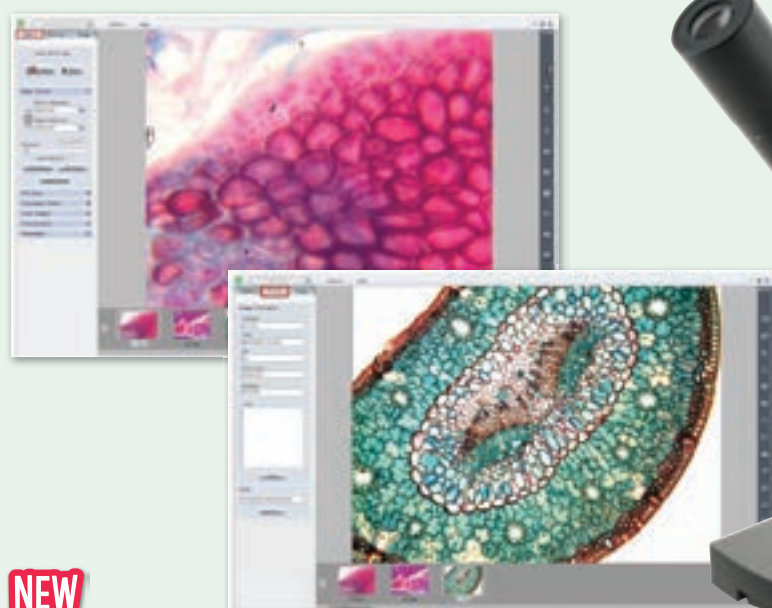


### Digital Microscope – USB 5MP with Software

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

EL3199

\$189.95



NEW

### Digital Microscope – Advanced

This advanced digital microscope has a monocular eyepiece with built-in pointer. The head is 360° rotatable and has a tube length of 16cm. It is complete supplied with software and connects via a USB cable. The 40x and 100x oil objectives are spring-mounted. Height adjustable. Focus control: Coaxial coarse and fine adjustment knobs on both sides with 0.0002 graduations. Friction of focus control is adjustable. LED illumination with internal power supply. Comes with spare fuse and dustcover in styrofoam case.

EIS0360

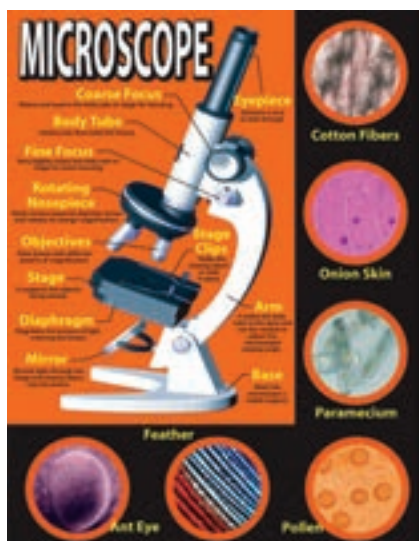
\$899.95



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



## Magnification

**NEW****Microscope Chart**

Zoom in on quality graphics and clear definitions. Also features six magnified views of common substances. 43 x 56cm.

CD414017

\$7.95

**NEW****Microscope School Set**

Sets students apart from the rest in matters of scientific discovery. View from 100X, 450X and 900X. Requires 2 AA/LR6 batteries (not included). Microscope measures 22cm. Ages 8+ years

DC50716

\$37.95

**Includes**

- 1 x 22cm die-cast microscope
- 1 x micro-incubator (hatchery)
- 1 x micro-insect data bank
- 12 x slides
- 12 x covering plates
- 12 x inscription labels
- 4 x bottles
- 1 x insect specimen magnifier box (petri dish)
- 1 x stirring rod
- 1 x lens cap
- 1 x spare bulb
- Operation instructions

**Features**

- Binocular eye tubes
- Built-in light source
- Real optical glass lenses
- 20X magnification
- Portable battery power
- Vinyl dust cover

**NEW****Study Scope**

Designed for viewing solid or three-dimensional objects rather than traditional glass slides, this scope makes it possible for students to view virtually anything magnified 20X. (This scope does NOT let you view slides.) The binocular head allows comfortable viewing with both eyes (no more squinting) and the built-in light illuminates all specimens for premium viewing every time. Real glass optics provide high-quality images and battery power makes it portable for outdoor use. Perfect for collectors and hobbyists, it allows users to explore the infinite diversity in nature, making it an ideal - and fun - educational adventure for young and old alike. Requires 2 AA batteries (not included).

DC50702

\$129.95

**Features**

- Strong, quality metal construction.
- Rack and pinion can be locked in place to avoid refocusing when children are sharing
- Stand is inclined at 45°
- Stereo head rotates 360°
- Total magnification, 20X, 30X, 40X
- Has a 12V 10W halogen globe and vinyl dust cover
- 31cm(H) x 18cm(L) x 11cm(W)
- Weight 3.1kg

**Stereo Microscope**

Precision optics that offers an amazing upright image of what is being observed. Provides a wide field of view, depth and high resolution.

DC50701

\$295.95





# SUPER BUY

~~\$103.60~~  
NOW ONLY  
**\$83.95**  
SAVE \$19.65

## Prepared Slide Set

**NEW**

DC51773K 40 pieces \$83.95

Includes Wicked Wings (DC51773), Blood and Guts (DC51774), Creepy Crawlies (DC51775), Edible Plants (DC51776), Extraordinary Ordinary (DC51777), Lily Pad Leap (DC51778), Flower Power (DC51779) and Fun Guys (DC51780).



### 1. Wicked Wings

**NEW**

Five prepared microscope slides comparing the shapes, sizes, and beauty of these insect wings. Includes the bee, butterfly, mosquito and more.

DC51773 5 pieces \$12.95

### 2. Blood and Guts

**NEW**

Five prepared microscope slides for those interested to see what your insides look like. See brain tissue, the heart, blood and more.

DC51774 5 pieces \$12.95

### 3. Creepy Crawlies

**NEW**

Five prepared microscope slides designed to give you an up close and personal view of the things that may scare you. Do you dare to find out more about these creepy crawlies?

DC51775 5 pieces \$12.95

### 4. Incredible Edible Plants

**NEW**

Five prepared microscope slides demonstrating the plants that we eat all the time. The set contains a variety of the essential parts of the plant like: roots, stems and leaves.

DC51776 5 pieces \$12.95

### 5. Extraordinary Ordinary

**NEW**

Five prepared microscope slides showing common household objects like you have never seen before. What do hair, cork, fibres and other objects look like under a microscope? The results will amaze you.

DC51777 5 pieces \$12.95

### 6. Lily Pad Leap

**NEW**

Skip the dissecting and use these five prepared microscope slides to examine different frog parts.

DC51778 5 pieces \$12.95

### 7. Flower Power

**NEW**

Brush up on your botany knowledge with these five prepared microscope slides from various parts of different flowers including sunflower, buttercup and more.

DC51779 5 pieces \$12.95

### 8. Fun Guys

**NEW**

Take a look at the fungus among us. Five examples of various fungi, more commonly found than you might think.

DC51780 5 pieces \$12.95



**NEW**

### Junior Slide Set

Glass Slides professionally stained, mounted and individually labeled for observation under the microscope. Each set is packed in its own 12 capacity labeled storage box. Slides consist of: Cotton Fibres, Nylon Fibres, Corn Starch, Salt Crystal, Wool Fibres, Silk Fibres, Stem of Pumpkin, Legs of Honey Bee, Pollen, Bird Feathers, Hydra WM, and Frog Blood Smear.

DC51782 \$26.95



**NEW**

### Intermediate Slide Set

Glass Slides professionally stained, mounted and individually labeled for observation under the microscope. Each set is packed in its own 25 capacity labeled storage box. Each kit contains: Hair, Sugar, Pepper, Yeast WM, Tendon LS, Bacteria 3 Types, Fly Head, Fish Skin, Human Blood Smear, Paramecium WM, Wing of House Fly, Cotton Stem, Cotton Leaf CS, Penicillium Sec, Hydra LS, Lily Anther, Sprout LS, Monocotyledon stem CS, Dicotyledon stem CS, Simple Squamous Epithelium, Stratified Squamous Epithelium, Cardiac Muscle Heart, Smooth Muscle, Testes Mammal, and Ovary.

DC51783 \$49.95



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



## Recycling &amp; Sustainability



## Recycling Stations

exclusive

Always wondered if the waste recycling has been done correctly and which type of waste should go in which bin? Introducing transparent recycling bins which allow you to see what's inside the bin, promoting the correct recycling of waste. The black bins are also still available, and the lids are compatible with both the transparent and black base. The transparent bins are available in 30L bins. The 30L bins measure 57.5(H) x 41(W) x 30(L)cm. The bins come with a swing lid. The black bins are available in 30L and 60L. The 60L bins measure 69(H) x 43(W) x 50(L)cm and come with a foot pedal. Each set comes in 4 colours - blue, green, yellow and red. They are also available individually.



## 30 Litre – Transparent

RGP030KT	Set of 4	\$139.95
RGP031T	Red	\$37.95
RGP032T	Yellow	\$37.95
RGP033T	Green	\$37.95
RGP034T	Blue	\$37.95



SET OF 4  
**\$139<sup>95</sup>**  
SAVE \$5.65

## 30 Litre – Black

RGP030K	Set of 4	\$102.95
RGP031	Red	\$29.95
RGP032	Yellow	\$29.95
RGP033	Green	\$29.95
RGP034	Blue	\$29.95



SET OF 4  
**\$102<sup>95</sup>**  
SAVE \$12.65

## 60 Litre – Black

RGP060K	Set of 4	\$252.95
RGP061	Red	\$70.95
RGP062	Yellow	\$70.95
RGP063	Green	\$70.95
RGP064	Blue	\$70.95



SET OF 4  
**\$252<sup>95</sup>**  
SAVE \$66.45

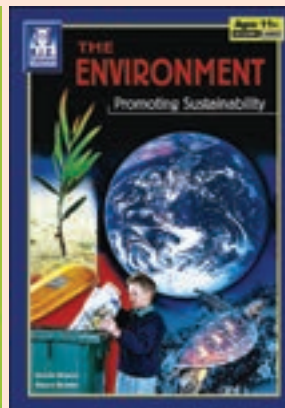
With foot pedal

## The Environment Book

NEW

Designed to encourage students to investigate aspects of the environment which are under threat due to human activities. Promotes an understanding of the progress being made towards creating a sustainable planet. Aspects addressed include natural resource use, biodiversity, recycling, renewable energy resources, pollution and conservation. Detailed Teacher's Notes accompany each student activity page. Covers the English, Science and Society and Environment learning areas. 100 pages.

RIC0548	Lower	\$34.95
RIC0549	Middle	\$34.95
RIC0550	Upper	\$34.95







## Early Recycling Games Kit

GD110K Set of 2 \$104.95

This kit consists of one Early Recycling Sorting Game (GD115) and one Learn to Sort & Recycle Magnetic Game (GD110).



~~\$136.90~~  
**NOW ONLY**  
**\$104<sup>95</sup>**  
SAVE \$31.95

### 1. Early Recycling Game

This game let children think about recycling from an early age by classifying 30 wooden tiles of everyday products into five recycling compartments. Suitable for a range of Australian Science Curriculum activities. Ages 6+ years

GD115

\$69.95

### 2. Learn to Sort & Recycle Magnetic Game

Children can practise sorting and recycling common household items and foods into the coloured waste bins. This game requires players to use their fine motor skills and hand/eye coordination to manipulate the magnetic wand across the acrylic board. Board measures 37 x 37 x 1.7cm. Ages 3+ years

GD110

\$66.95

24  
matching  
pieces

### The Recycling Game – Recycle, Rubbish, Compost

First you have to find the matching pairs, then decide whether to place your items in the Recycling, Rubbish or Compost Bin. Kids will improve their memory and sorting skills while learning the difference between Recycling, Compost and Rubbish. 24 matching wooden pieces and wooden sorting bin. Wooden cards 10 x 7cm. Sorting Bin 30(L) x 10(W) x 10cm(H). Ages 3-5 years

MJI0017

\$99.95



### Let's Recycle Playmat

Educate children about the importance of recycling with this large scale (88cm square) mat. It covers a range of cross-curriculum activities. Teaching notes and activities included, illustrated accessories not included. Ages 6+ years

SPP07

\$99.95



### Big Books

With these big books, students will learn interesting facts about recycling and garbage collection. What can be recycled? How does that actually work? Comes with teacher's guide. Each book measures 40.5(W) x 47.5cm(H). Ages 4+ years

NW4929

Recycle It! Big Book

\$49.95

NW2651

Where Does All the Garbage Go? Big Book

\$49.95

Learn about the environment while  
improving gross motor skills



### Recycling Bean Bag Game

Have a look at the new Bean Bag Recycling Game. First you need to find the matching bean bag pairs, then decide which bin to put them in: recycling, compost or rubbish. You can have fun and practise your throwing skills as you toss the bean bags in the correct bin. This game will teach children how to correctly sort their rubbish and also improve matching and gross motor skills.

MJ030

Each

\$199.95



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



## Recycling &amp; Sustainability

**NEW****Greenlid Starter Packs**

Greenlid - the world's first biodegradable food waste bin! Made out of recycled cardboard, this is the perfect way to introduce children to composting, recycling and sustainability. Just fill it, seal it and toss it in your school compost pile!

FLD71001	5 units & 1 Green Lid	\$39.95
FLD71002	5 units with 5 Seals	\$32.95

**NEW****Biodegradability Kit**

Used to demonstrate materials bio-degrading in testing media and liquids of their choice (not supplied). Contains 6 specially designed containers, 6 clip frames, 6 open cage frames and 6 closed cage frames to hold the materials in place. In addition the kit includes 6 each of Copper, Aluminium and Tin T Sections, 6 cardboard T Sections, 6 hot and cold water soluble plastics T Sections and Rapid Degrading Film samples to experiment with. A teacher guide with detailed instructions, explanations and experiment suggestions is provided.

NK51794 \$119.95

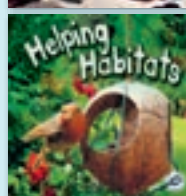
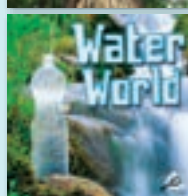
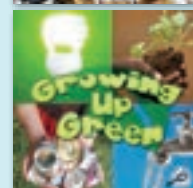
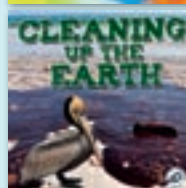
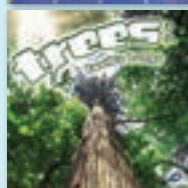
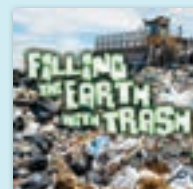
**SUPER  
BUY**

### Green Earth Discovery Books

Teach children about the importance of looking after Earth's environment from a young age. Titles can be purchased individually or as a set of 9 (RP5393K). Size: 20.5cm square, 24 pages. Ages 4+ years

RP5393K	Set of 9 books	\$149.95
RP5393	Clean and Green Energy	\$17.95
RP5409	Growing Up Green	\$17.95
RP5416	My Green Lunch	\$17.95
RP5423	Filling the Earth with Trash	\$17.95
RP5430	Trees: Earth's Lungs	\$17.95
RP9706	Cleaning Up the Earth	\$17.95
RP9713	Water World	\$17.95
RP9720	Helping Habitats	\$17.95
RP9737	What Does Green Mean?	\$17.95

SET OF 9  
\$161.55  
NOW ONLY  
**\$149.95**  
SAVE \$11.60







## Worm Farm Our Wiggly Worm Farm Big Book

RGP0021K \$164.95

Set of the worm farm (RGP0021) and Our Wiggly Worm Farm Big Book (MJ10008).



1



**SUPER  
BUY**

~~\$169.90~~  
**NOW ONLY**  
**\$164.95**  
SAVE \$4.95

2

### 1. Worm Farm

The worm farm is a smart and clever way to convert waste into a fertile compost. The farm has 3 crates and a base crate with a tap to enable the fertile liquid to be drained as required. As children use the farm they learn about converting plant waste into compost. When assembled the farm measures 70.6(H) x 55(L) x 40(W)cm.

RGP0021

\$119.95

### 2. Our Wiggly Worm Farm Big Book

An educational and fun way to learn about worm farms. Learn how your worm farm can reduce world pollution. Written, illustrated and printed in Australia. Big Book size 42 x 31cm. 32 pages.

MJ10008

\$49.95

### Compost Kit

Watch closely to see the process of decomposition! The transparent composting kit comes with 2 separate containers, each with two built-in 3x magnifiers. With write-and-wipe labels to mark and date your samples. The containers come with lids and airholes and measure 12(H) x 16.5(L) cm each.

EN5391

Set of 2

\$42.95



### See-Through Compost Container

Three separate, aerated compartments enable children to view the entire decomposition process clearly and make side-by-side comparisons between different materials. Included thermometers demonstrate the temperature changes during the decomposition process. Size: 33(L) x 13.3(W) x 20.3cm(H). Ages 5+ years

EN5095

\$59.95



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



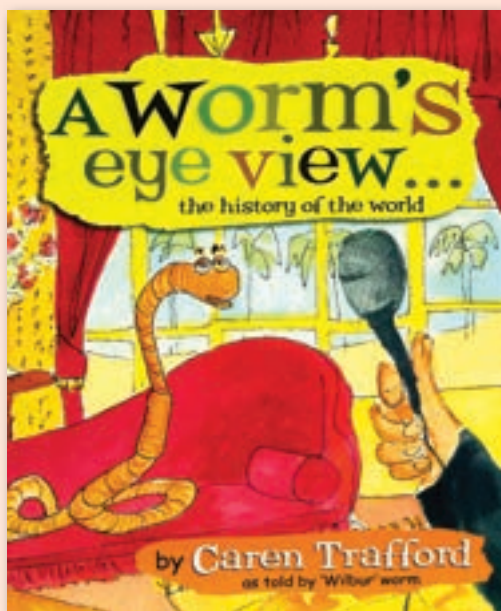
## Recycling – Composting

**NEW****A Worm's Eye View Posters**

Beautifully illustrated posters showing the history of the world from a worm's point of view. Find out just what those wiggly wonders have been up to through the ages, as it pinpoints four main stages in the history of the worm. Great for classroom walls. 43 x 38cm.

DC59067

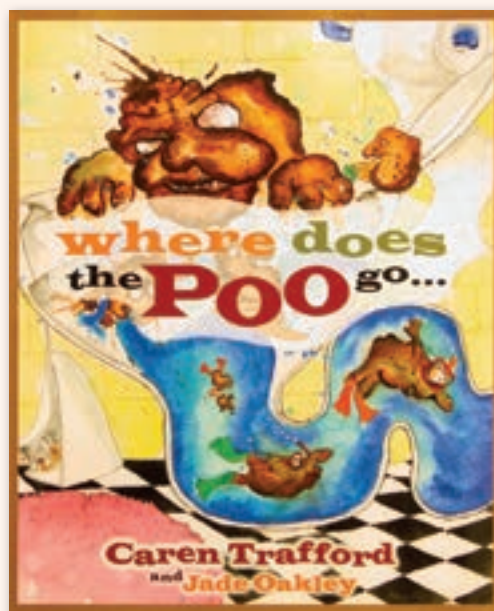
\$29.95

**NEW****A Worm's Eye View Book**

A humorous book, written from the worm's perspective. Describes the worm's progress from the earliest days to today and what they are doing for the planet. 36 pages. 23 x 28cm.

DC58067

\$24.95

**NEW****Where Does the Poo Go Book**

A fascinating and original take on 'where our poo goes'. Follow Goobie as he takes us on a journey and explains what poo has been doing through the ages, in the quest to be recycled. Includes a game 'Pipes and Leaks'. 32 pages. 23 x 28cm.

DC58064

\$22.95





~~\$178.85~~  
NOW ONLY  
**\$153.95**  
SAVE \$24.90

**SUPER  
BUY**

## Changes in the Sky Kit

What happens in the sky? Learn about the planets and our solar system with this curriculum kit!

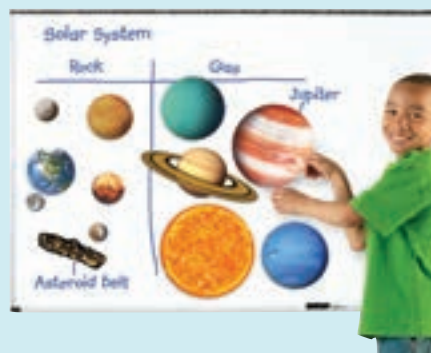
ESC009E

Kit

\$153.95

### Kit includes

- Magnetic solar system set
- Motorised solar system
- Inflatable solar system set
- Children of the Sun panel book



## Giant Magnetic Solar System Set

Model the full-colour, realistically detailed magnets on a whiteboard to get students' attention and teach them about space science concepts. Covers a range of cross-curriculum activities. Includes 8 planets, Pluto (dwarf planet), Earth, the moon, asteroid belt and an activity guide. The largest magnet Sun is 25.5cm in diameter.

LER6040

Set of 12

\$38.95



**NEW**

## Solar System Kit

Build your own solar system. Includes deco foam balls to make nine planets and the sun, two rings (second ring to be used as a stand), 3m of aluminium wire and instruction sheet.

SH50084

\$14.95



**NEW**

## Solar System Bulletin Board Set

Brilliantly illustrated! Large NASA photographs of planets, asteroids, comets and more combine to make up this exciting set. Pieces are individually cut out for visual impact.

TFC59024

\$34.95



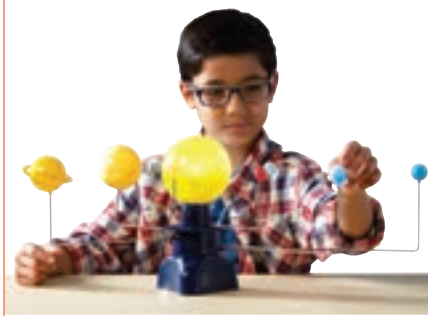
## Inflatable Solar System Set

Explore our universe with this inflatable classroom set. Teach size and distance relationships, rotation and revolution of planets, moon and sun with class activities and demonstrations. Includes foot pump, teacher's guide and hooks for easy hanging. Size: Sun 91cm, Moon and 9 planets from 20 to 55cm.

LER2434

11 pieces

\$69.95



## Motorised Solar System

Explore space with this motorised solar system, complete with eight planets, the sun, star dome and Earth's moon! Set up the solar system to see Mercury, Venus, Earth, and Mars rotating slightly faster than Jupiter, Saturn, Uranus, and Neptune, just like they do in space. Turn off the lights and project a planetarium-style star show on the ceiling! Batteries required (not included).

EN5287

\$69.95



**NEW**

## Solar System Poster

Displays the planets in order, with their relative distance in kilometres from the Sun. Interesting facts on our Solar System listed on the back of the chart. 49.5 x 69.5cm. Double-sided. Gloss-laminated.

TFC59025

\$6.95

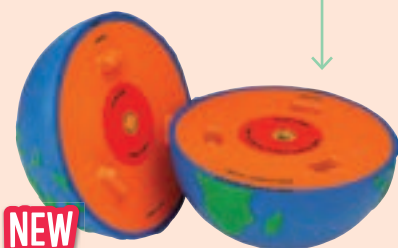


**FREE freight on all orders over \$99.** Conditions apply, see website for details.



## Solar System

Soft foam



NEW

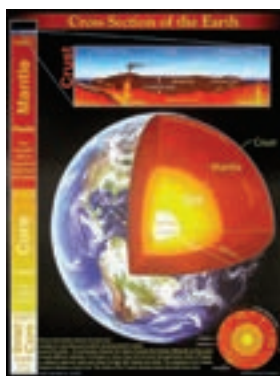
## Earth Cross-Section Model

This hands-on model makes illustrating the mysteries of the Earth easy. The outside of the model shows the ocean and continents. The Earth's two hemispheres separate to show the four main layers of the Earth, their temperatures and depths. Made of soft foam and easy to handle and measures 12cm(dia). Includes fact-filled activity guide.

LER2437

\$31.50

NEW



## Earth Cross-Section Poster

Students will have no problem learning about the Earth's internal structure, the different types of Earthquake waves and much more with this clearly labelled poster. Activities are included on the back. 43 x 55cm.

CD5856

\$7.95

Children of the Sun  
- Large Panel Book

Packed with information about the solar system, this panel book opens before us like a tunnel through space, enabling us to make a fascinating tour of the planets in our solar system. The large book measures 42 x 38cm and has 24 pages/12 double-sided panels. Suitable for ages 4-16 years.

CP937

\$47.95



## Earth, Sun and Moon Model

This working model of the sun, earth and moon demonstrates the basic relationships of rotation, night and day, seasons and phases of the moon by moving the arm of the moon or earth by hand around the LED illuminated sun. Powered by 2 'AA' batteries (included). Size: 44 x 21 x 27cm. Ages 6+ years

EIST008SM

\$149.95

NEW

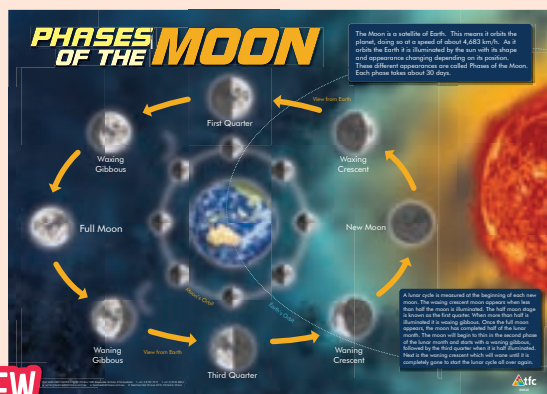


## Sun Earth Science Book Plus Series

This teaching model is designed to introduce students to the composition of the Sun. It illustrates the main layers that make up the Sun: photosphere, chromosphere, convection zone, radiation zone and the core.

QE69066

\$49.95



NEW

## Phases of the Moon Chart

Features a resource guide on the back including activities, crossword puzzle, match the moon to the phase and more. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59019

\$6.95



NEW

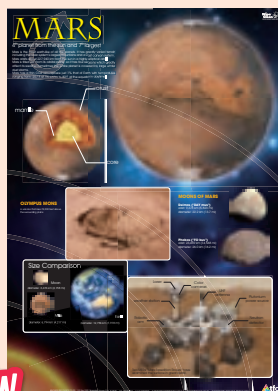
## Eclipses Chart

Experience eclipses. Chart features a resource guide on the back including activities, word scramble, eclipse terms and a crossword. 43 x 56 cm.

CD5857

\$7.95



**NEW****Mars Chart**

Mars, fourth planet from the Sun and seventh largest. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59022

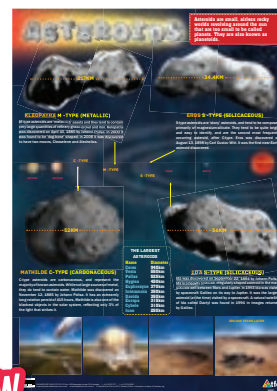
\$6.95

**NEW****Moons Chart**

Features a resource guide on the back including a word search, space exploration activity, quiz on features of our moon and a word matching puzzle. 43 x 56cm.

CD414003

\$7.95

**NEW****Asteroids Chart**

This illustrative chart of Asteroids contains a lot of important and interesting information. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59021

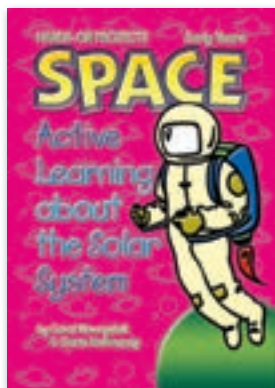
\$6.95

**NEW****Deep Space Chart**

This exciting chart features a resource guide on the back covering the Hubble space telescope, space pioneers, crossword and a words from space game. 43 x 56cm.

CD414002

\$7.95

**NEW****Hands on Projects: Space Book**

Kids explore the solar system, build a shuttle, create space mobiles, make planetariums, build a Mars rover and more in this fantastic book. Ages 5-7 years

DC58080

\$29.95

**NEW****Astronomy Book**

Includes terminology, inquiry-based activities, challenge questions, extension activities, assessments and curriculum resources. 80 pages.

CD404125

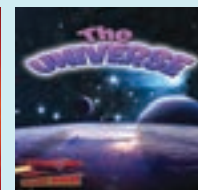
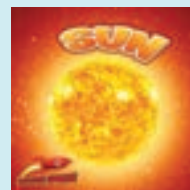
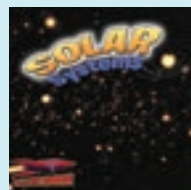
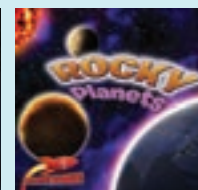
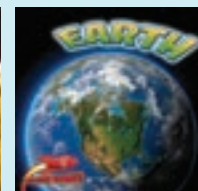
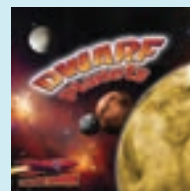
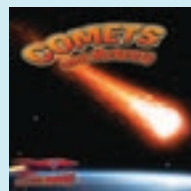
\$27.95

**Skywatch Solar System Books****SUPER BUY**

SET OF 9  
\$125.55  
NOW ONLY  
**\$115.95**  
SAVE \$9.60

Inside Outer Space takes readers on an intergalactic journey that unravels the mysteries of the universe. These books inform readers in Foundation to year 3b on the Sun, Earth, planets, and stars, while also igniting imaginations about the unknown. Stunning photographs and diagrams aid in comprehension. Each book measures 20 x 20cm and has 24 pages.

RP9559K	Set of 9	\$115.95
RP8549	Comets and Meteors	\$13.95
RP8518	Dwarf Planets	\$13.95
RP8464	Earth	\$13.95
RP8556	Lives of Stars	\$13.95
RP8471	Moon	\$13.95
RP8495	Rocky Planet	\$13.95
RP8525	Solar Systems	\$13.95
RP8488	Sun	\$13.95
RP8532	The Universe	\$13.95



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



## Weather

**NEW****Weather Stamps**

Use these stamps to record weather on any given day or predict what the weather will be for the next week. With these high quality stamps your class can learn about changing weather patterns. (Ink pad not included).

CE50102

12 pieces

\$49.95

**NEW****Weather Learning Chart**

What's the weather like today outside your classroom? Explore all the unique kinds of weather and what characterises them. Includes facts and activities on the back. Suitable for Foundation to Grade 2. 43 x 56cm.

TFC59047

\$8.95

**Galileo Thermometers**

The Galileo thermometer is made of a sealed glass cylinder containing a clear liquid and a series of sealed glass bulbs with different densities. When the temperature of the liquid changes, so does the density. A higher temperature causes the bulbs to sink. The lowest bulb in the upper section of the thermometer shows the right temperature. Available in an indoor standing thermometer (44cm) and an outdoor hanging thermometer (48cm).

HE6182 Indoor \$54.95

HE6187 Outdoor \$72.95

**Invicta – Upright Weather Station**

An inexpensive but complete Weather Station with all components attached to one central pole. Wind speed, wind direction, rainfall and temperature are all featured as well as the time of day observed on the Sun Dial. The Weather Station is 116cm high. Ages 6+ years

IP0826

\$49.95

**NEW****Weather Dice 18mm**

Excellent for random weather effects and often more accurate than the weather report! Image depicts each face, dice are individually sold.

TFC50011

Each

\$0.40



**NEW****Rain Gauge**

Students will feel like real meteorologists as they keep accurate records of daily rainfall with this durable, economical rain gauge. Graduated in millimetres, it can be used free standing or with the spike provided for positioning in lawns.

DC50017 \$9.95

**NEW****Seasons Book**

The package provides you with a range of activities such as: poetry, measuring, nouns and verbs, fold-a-books and weather recording. Activities cover areas of language, mathematics and science and will be greeted with an enthusiastic response from your students. Ages 5 to 8 years.

RIC0498

\$35.95

**NEW****Weather Centre**

Create a weather station right in your classroom with these durable meteorological instruments. Students can measure and record barometric pressure, relative humidity and air temperature, allowing them to see trends, averages, highs and lows. The sturdy carrying case holds the three dials and separate stands allow them to be used individually. Activity guide included detailing the use of each instrument.

LER2940

\$69.95

**NEW****Weather Poster Size Cards**

Teach your students about various weather phenomena. Features Cloud, Drought and Flood, Fog, Hurricane, Lightning and Thunder, Precipitation, Rainbow, Temperature, Waterspout and Wind and Air Pressure. Informative A3 cards include a full colour picture, detailed definitions and explanations.

DC59042

12 pieces

\$44.95

**NEW****Clouds Earth Science Book Plus Series**

Introduce students to the form and function of clouds. Illustrates the major families of clouds and the atmospheric conditions that help create them. It also covers the water cycles and other special conditions such as rainbows and unusually severe weather.

QE69067

\$49.95

**NEW****Types of Clouds Chart**

Discover what clouds are, and the different types of clouds with this great chart. Reproducible on the back.

T59078

\$6.95



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



## Weather

**NEW****Water Cycle Learning Chart**

Display this vibrant design of the water cycle for students to study. Sturdy and durable. Extra value on back: reproducible tips and information. 43 x 55cm. Ages 8 to 13 years

TFC59040

\$6.95

**NEW****Water Cycle Earth Science Book Plus Series**

Illustrates precipitation, evaporation, condensation and runoff. Demonstrates how water is constantly reused and recycled and also illustrates how clouds are formed.

QE69062

\$49.95

**NEW****Weather Climate Books**

These books are designed to provide quality activities for children on the weather and conditions that they experience.

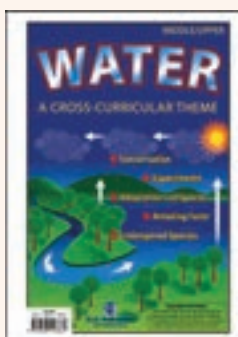
RIC0513	Lower – 37 pages	\$27.95
RIC0514	Middle – 35 pages	\$27.95
RIC0515	Upper – 42 pages	\$27.95

**NEW****Water Cross-Curriculum Theme Book**

A comprehensive coverage of the study of water. Includes activities that incorporate the key learning areas of the curriculum: Language, Science, Mathematics, Technology and more. Middle/Upper Primary. 33 pages.

RIC0636

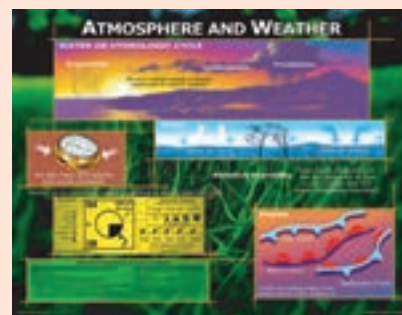
\$27.95

**NEW****Lightning Chart**

Pin-up this exciting chart in your classroom. Features a resource guide on the back including interesting facts, word scramble, lightning safety, fact matching activity and word blank. 43 x 56cm.

CD414008

\$7.95

**NEW****Atmosphere & Weather Poster**

Learn about atmosphere and weather the fun way. There are great activities, questions and experiments on the back. The 4 activities are reproducible. 43 x 55cm.

CD410049

\$7.95



**NEW****Explore With Me Geology Set**

DC50050K 6 Piece Set \$170.95

Introduce students to the fascinating world of Geology with these beautiful selection of various types of rocks. The kit contains one of each of DC50050, DC50051, DC50052, DC50053, DC50054 and DC51791.

~~\$179.70~~  
**NOW ONLY**  
**\$170.95**  
 SAVE \$8.75

**1. Explore Geology - Metamorphic**

DC50051 \$29.95

**2. Explore Geology - Sedimentary**

DC50052 \$29.95

**3. Explore Geology - Minerals**

DC50053 \$29.95

**4. Explore Geology - Fossils**

DC50054 \$29.95

**5. Explore Geology- Igneous Rock**

DC50050 \$29.95

**6. Oceanic Rocks**

DC51791 \$29.95

**Everyday Uses Rock & Card Set**

Identify various rocks and minerals and correlate them to their real-life uses with this hands-on rock and card set. Includes 12 rocks, storage tray and twelve 32 x 23cm double-side cards with photos and fun, kid-friendly facts of the rocks. Ages 8+ years

EN5201

\$49.95

**NEW****Mineral Kit**

This excellent resource will help encourage students to develop an interest and understanding in the nature of rocks and minerals, including basic characteristics of each sample and its main uses. This kit contains: Halite (Salt), Bauxite (Aluminium), Rutile, Quartz, Talc, Hematite (Iron), Cassiterite (Tin), Galena (Lead), Sphalerite (Zinc), Malachite (Copper), Nickel ore, Coal and teachers booklet containing ideas, activities and background information. Suitable for middle to upper primary students.

DC50048

\$89.95

**Rocks, Minerals & Fossils Kit**

This great selection of rocks, minerals and fossils includes a fossil collection up to 70 million years old (9 fossils), an igneous rock collection which has been produced by hot volcanic magma action (12 rocks), a mineral collection (12 minerals) and a sedimentary rock collection, formed by layers of deposited matter (12 rocks). Each set comes with an identification chart, self-adhesive labels, handy storage tray and information-packed guide.

SAVE  
**\$178.5**

EN5210K

Set of 4

\$133.95

**NEW****Super Science Activities: Rocks and Minerals**

The activities in this book will enable students to develop an understanding of the rock cycle and the differences between rocks and minerals. They will also learn how to identify minerals.

DC58082

\$27.95

**NEW****Rocks and Minerals Bulletin Board Set**

Here is an exciting and fun way of learning to identify rocks and minerals. A bulletin board set with well illustrated graphics and detailed information of the rock cycle, types of rocks, the rock formation and identification of minerals. Charts measure 61 x 43cm each and join together to form a massive 86 x 122cm. Resource guide included.

CD410002

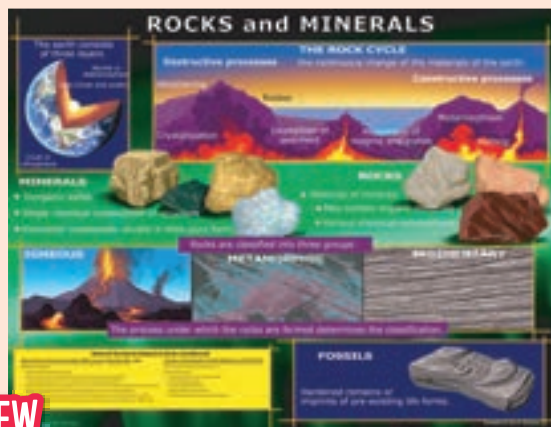
\$26.95



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



## Geology

**NEW****Rocks & Minerals Poster**

Learn about rocks and minerals the fun way. There are great activities, questions and experiments on the back of the poster. 43 x 55cm.

CD5865

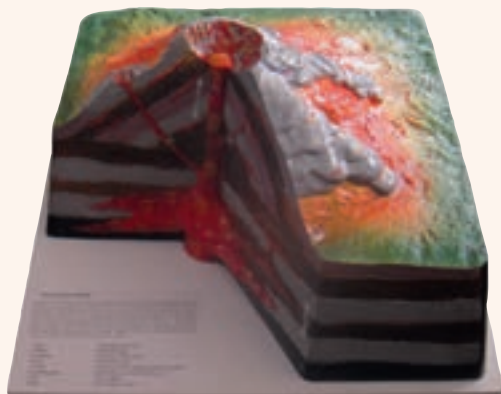
\$7.95

**NEW****Rock Cycle Earth Science Book Plus Series**

Clearly illustrates volcanic action and shows how igneous, sedimentary and metamorphic rocks are formed. Comprehensive and informative.

QE69060

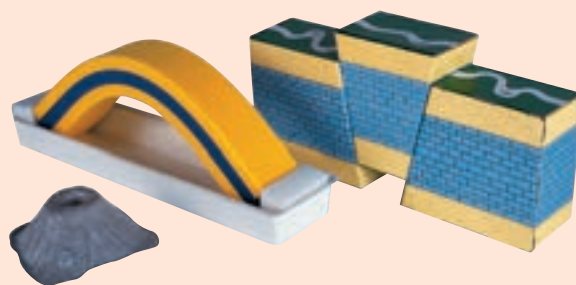
\$49.95

**Volcano Model**

This vertical section of volcano illustrates how the extremely hot magma flows from under this Earth's crust to the top. This sturdy and durable model is mounted on a base and has a numbered legend. The model measures 43(W) x 43(L) x 17(H)cm.

NK1711

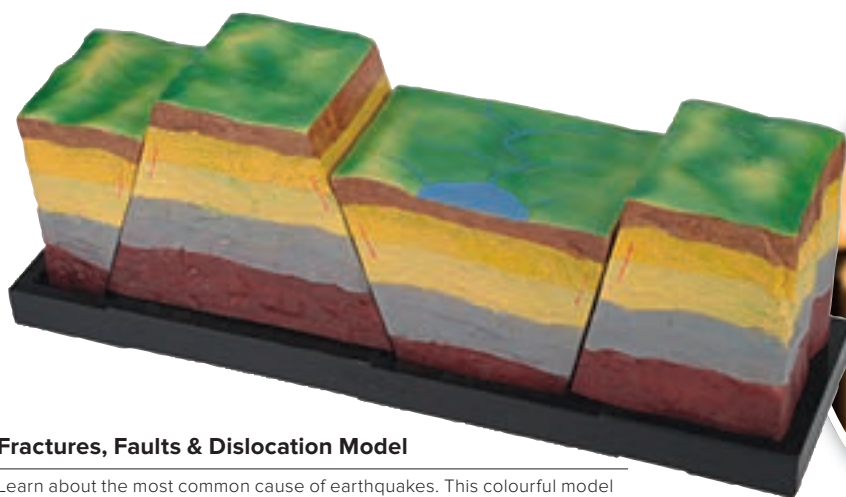
\$149.95

**NEW****Land Forms Demonstration Kit**

Re-create the geological forces that have shaped the earth. Demonstrate how volcanoes are formed, how faults occur and other geological processes. Includes demonstration tray, three simulated rock structures, an erupting volcano and comprehensive guide.

DC50056

\$129.95

**Fractures, Faults & Dislocation Model**

Learn about the most common cause of earthquakes. This colourful model shows the cross section of different structures related with fault planes and fractures. Mounted on a base. The model measures 47(L) x 14(W) x 17(H)cm.

NK1706

\$117.95





**NEW****Earthquakes Chart**

Learn about earthquakes – what causes them, where they occur, what to do during an earthquake and more. Resource guide on the back including activities, effects of an earthquake, interesting facts, folklore legends and vocabulary. Informative and educational. A must-have chart for the classroom. 43 x 56cm.

CD414005

\$7.95

**NEW****Tsunami Chart**

The Japanese word describing Tsunami literally means "harbour wave". An interesting fact that is one of many featured on this chart about the rare and powerful phenomenon of Tsunami. Students will learn about tsunami triggers and effects through concise text and quality cut-away renderings. 43 x 56cm.

CD414020

\$7.95

**NEW****Disasters Book**

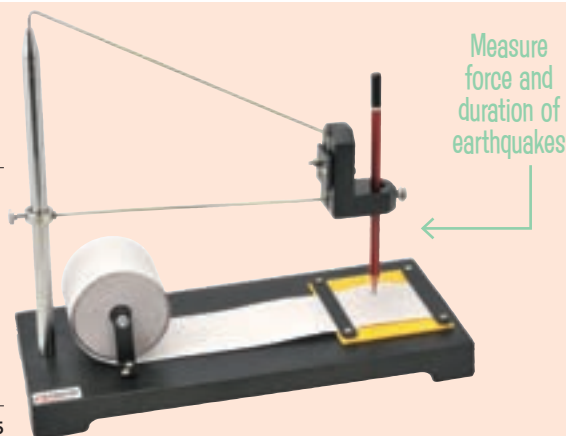
A comprehensive coverage of a variety of natural and human-created disasters. Features activities that incorporate concepts of Society and Environment, Science, Health and Personal Development, Technology, English and Mathematics. Includes outcome links and answers. Middle/Upper Primary level.

RIC0632

\$27.95

**Seismograph Model**

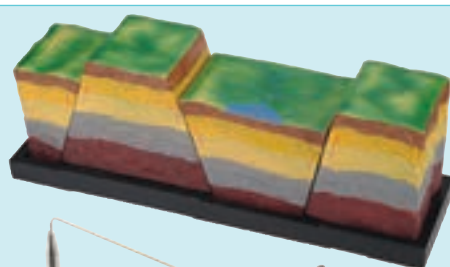
This seismograph model creates a visual representation of the shock waves generated by an earthquake. It can be used to teach both mathematical and geological concepts. The base of the model measures 30(L) x 15cm(W). The illustrated pencil is not included, any pencil of similar size can be used.



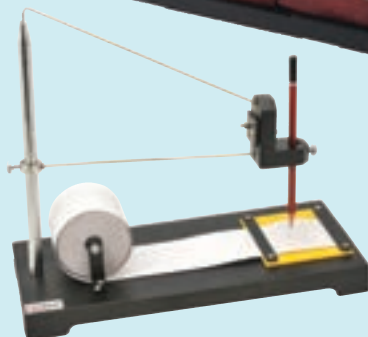
Measure  
force and  
duration of  
earthquakes

EIS0014

\$69.95



\$337.85  
NOW ONLY  
**\$264<sup>95</sup>**  
SAVE \$72.90

**SUPER  
BUY****Geological Changes Kit**

Learn about Earth's geological changes with this curriculum kit. See what the inside of a volcano looks like, learn about fractures, faults and dislocations caused by moving Earth plates and see how you can measure the magnitude and duration of an earthquake with the seismograph.

ESC010E

\$264.95

**Kit includes**

- Volcano model
- Seismograph
- Fractions, Fault & Dislocation model

**Devastating Disasters Books**

Devastating Disasters is for thrill seekers wanting to learn more about natural and human-made disasters. Students will learn what the perfect conditions are for these disasters, the science behind them, the effects they have on the population and geography, and the people who are in the middle of it all. Each book measures 20 x 20cm and has 24 pages. Suitable for years 3 to 6.

RP5228K	Set of 6	<del>\$107.70</del>	\$92.95
RP5228	Sinkholes		\$17.95
RP5235	Volcanoes		\$17.95
RP5242	Avalanches		\$17.95
RP5259	Earthquakes		\$17.95
RP5273	Floods		\$17.95
RP5297	Tsunamis		\$17.95



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



## Globes &amp; Maps



SET OF 13  
**\$269<sup>95</sup>**  
 SAVE \$12.40

### World Globe Class Set

With this set, students can have their own globe on their desk while the teacher demonstrates subjects like geography and the environment on the large globe. The set (FD36833) consists of 1 large globe (FD36899) and 12 small globes (FD36830). Both globes consist of 2 pieces and show up-to-date geographical maps. Sizes: large globe is 28cm in diameter, the small globe is 13cm in diameter.

FD36833	Set of 13	\$269.95
FD36830	Small Desk Globe - Each	\$19.95
FD36830-6	Small Desk Globes - Set of 6	\$109.95
FD36899	Large Desk Globe - Each	\$42.95
FD36899-4	Large Desk Globes - Set of 4	\$169.95



### Puzzle Globe - 20cm

Teaching geography to little ones has never been easier, or more fun! Each removable continent features a different shaped post that fits only one area on the globe, allowing for self-correction. Continents also include animals and famous landmarks. Includes base (with oceans labelled), rotatable globe, 6 continent puzzle pieces, 6 continent labels, and blank labels stickers. Size: 20cm in diameter

LER7735 \$59.95



### Model of Earth's Internal Structure

This model shows Earth's internal structure. It shows Earth's crust, mantle, the outer centosphere and the inner centosphere. The model is 32cm in diameter.

NK0201 \$89.95

66.6cm  
(dia)

5+  
yrs

### Inflatable Labelling Globe

Customise this write & wipe globe to enrich geography, history, literature and social studies lessons and other cross-curriculum activities. Includes an activity guide, repair kit and display hook and string. Measures 68.6cm in diameter.

LER2438 \$39.95






**NEW**

### Where in the World Snap Cards

Snap to it! This card game is not only fun, it contains important content that gives students a flying head start and positive attitude towards learning. Deck contains 52 cards, plus answer and rules booklet.

TFC50041

Set of 52

\$8.50


**NEW**

### World Map & Flags Chart

Display this chart in the classroom for reference to all the countries in the world and their flags. Gloss-laminated both sides. Write on/wipe off fully laminated. 49.5 x 69.5cm.

TFC59038

Each

\$6.95

### World Flags

A mixed assortment of 15 international nylon flags on a 4 metre plastic string.

POS2

\$38.95


**NEW**

### Australia Stencil Set

Large map stencil set of Australia and each state and territory. Made of durable plastic. A classroom essential. 21cm.

EC50071

\$19.95

Set of  
24

### Colour In World Map

Colour your way around the world! The large-size world maps are printed with a layer of blue watercolour to indicate the major water bodies. Colour in the blank continents with paint, markers or crayons. The special colour-resist technology ensures that all colour added to the maps stays only on the continents area! Talk about the major continents, cities and regions or decorate the maps according to the places students have visited. Includes: 24 maps (30.5 x 40.5 cm) and guide.

RE9095

Set of 24

\$19.95


**NEW**

### Australia A3 Card Set

Excellent classroom resource. Make Aussie pride a feature of your lesson with these sturdy A3 cards. Set of 7 cards includes: Australian Flag, Australian State and Territory Flags, National Anthem, Australian Animals, Australia in the World map, Australian map and a Blank Australian map.

DC59027

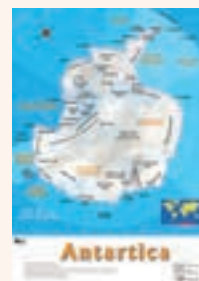
\$44.95



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



## Globes &amp; Maps and Geography



## Seven Continents of the World Bulletin Boards

Give your students the world. The set contains seven sturdy maps with keys containing facts about each continent (area, population, elevation and more). Write on/wipe off fully laminated. 49.5 x 69.5cm.

CD1948	Set of Seven Continents	\$36.95
TFC59082	Africa Bulletin Board	\$6.95
TFC59083	Antartica Bulletin Board	\$6.95
TFC59084	North America Bulletin Board	\$6.95
TFC59085	South America Bulletin Board	\$6.95
TFC59086	Asia Bulletin Board	\$6.95
TFC59087	Australia Bulletin Board	\$6.95
TFC59088	Europe Bulletin Board	\$6.95

SET OF 7  
CONTINENTS  
**\$36<sup>95</sup>**  
SAVE \$11.70



**Australian GEOGRAPHIC**

1.38m(W)

## World Map – Australia Centred

Large detailed world map. Europe, the Arctic and Antarctic are shown in a detailed inset. Schoolchildren will find this map an invaluable geographic resource as they learn about the world, its countries and its peoples. Size: 138(W) x 92.5(H)cm.

AG101

\$89.95



## Giant World Map – 1.2 x 2.1 metre

This massive map contains an array of information and detail about the world, including the oceans, continents, countries, capital cities, landmarks and other large cities. Combine map reading, directional learning, co-ordinate geometry and much more. Printed onto hard-wearing vinyl with eyelets. A whopping 210(L) x 120(H)cm.

TTSB446

\$229.95



**NEW**

## Map of Australia Chart

Displays the map of Australia with the state flags. Gloss-laminated. 49.5 x 69.5cm.

TFC59029

\$6.95



**Australian GEOGRAPHIC**

## Floor Mat of Australia

**exclusive**

This large floor mat shows the main cities, rivers, lakes, mountains and highways of Australia. The mat is compatible with Bee-Bot, to combine robotics with humanities and social sciences! The mat measures a large 90(L) x 120(H)cm.

TTSB017

\$79.95



**Australian GEOGRAPHIC**

## Map of Australia &amp; Neighbours

This map will help you navigate the waters of Australia's territories. It provides a fascinating insight into the political history of Australia's sea limits and our relationships with other nations in the Western Pacific. Size: 68(L) x 50(H)cm.

AG102

\$32.95

68cm (W)  
50cm (H)



**NEW**

## Map of South East Asia

A comprehensive map of South East Asia detailing capital cities, cities, rivers, ranges and mountains. Gloss-laminated. 49.5 x 69.5cm.

TFC59080

\$6.95





### Directions Learning Chart

Give your class a real sense of direction. Explore North, South, East and West by way of the Earth, a compass and physically. Features activities on the back. Suitable for Foundation to Grade 3. Measures 49.5 x 69.5cm..

TFC59016

\$6.95



NEW

### Compass Giant

10cm  
(dia)

Tough plastic cased compass with lanyard. Marked with 8 compass points and full 360° scale around the edge. 10cm(dia).

SHW50108

Each

\$24.95

Set of  
1010cm  
(dia)

### Large Compass

A set of 10 large compasses, each measuring 10cm in diameter. The compass shows both the 8 compass points and a full 360 degrees scale.

NK0615

Set of 10

\$39.95

Set of  
10

NEW

### Compass Plastic Student

Use a compass to orienteer maps for school excursions and camps. Contains a magnetic needle horizontally mounted and free to pivot until aligned with the Earth's magnetic field. 2.2cm (dia).

TFC50104

Set of 10

\$12.95

NEW

### Compass Student

Suitable for use as a plotting compass and for field applications. Features durable plastic case, metal ring for clip fastening and is marked in degrees. 3.5cm(dia).

NK50105

Each

\$1.80

NK50105-10K

Pack 10

\$16.95

NK50105-30K

Pack 30

\$52.95

NEW

### Compass Magnet with Bowl

This set comprises of a large colour coded plastic floating compass which contains a powerful magnet and a clear bowl marked with cardinal points of a compass. Bowl measures 11.5cm(dia), magnet measures 8.5cm

CT50295

\$18.95

NEW

### Compass Small Orienteering

Reliable, heavy-duty compass with a snap-close lid. This compass clearly displays 360°. Great for orienteering and spatial adventures around your school. 4.5cm(dia).

NK50106

Each

\$4.50

NEW

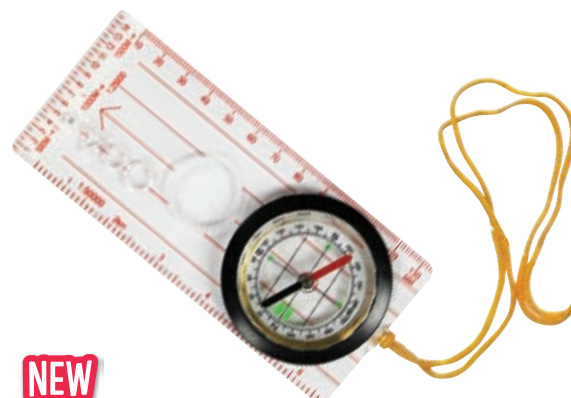
### Compass Deluxe Orienteering

Durable, reliable liquid filled compasses that can withstand the knocks and bumps of the school environment. Includes a case, magnifying glass and lanyard for carrying convenience.

NK50109

Each

\$14.95



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



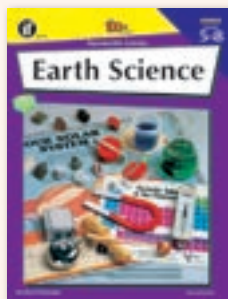
## Earth Science

**NEW****Earth and Space Science Book**

Interesting facts about the world intrigue students and make Earth and Space Science fun to learn. Students will sharpen numerous skills, including comparing the characteristics of each planet. Learn to define weather and climate and describe factors that contribute to them, describe characteristics of the ocean floor and list and define characteristics used to identify rocks and minerals. 62 pages.

DC58083

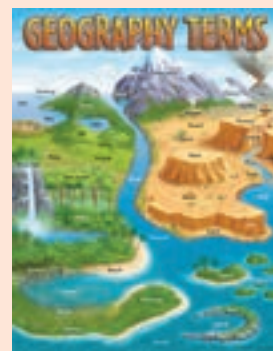
\$35.95

**NEW****Earth Science Book**

Earth Science is a collection of various activities on Earth science concepts, as well as on several other science subjects. Some of the topics covered include the weather, rocks and minerals, seasons, planets, volcanoes, and the oceans. These activities will serve as excellent supplements for textbooks and any comprehensive study of science. 128 pages.

CD58084

\$27.95

**NEW****Geography Terms Learning Chart**

Study the Earth's intricate features and their correct terminologies such as; plateau, oasis, gulf, jungle and more. Students can deepen their knowledge by exploring the facts and activities on the back. Well illustrated and colourful chart. 43 x 56cm.

TFC59030

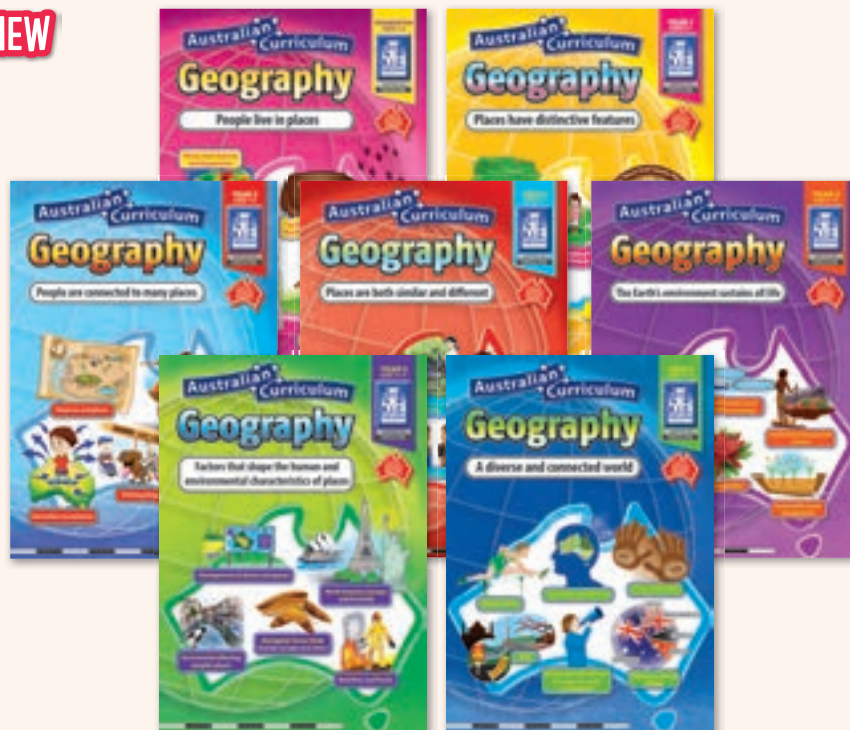
\$6.95

**Australian Curriculum Geography**

Australian Curriculum Geography is a seven-book series linked to the requirements of the Australian National Curriculum for each stage of primary school from Foundation to Year 6. The aim of the series is to use the Geographical Knowledge and Understanding strand of the Australian Curriculum as a vehicle for practising the skills laid down by the Geographical and Inquiry Skills strand to answer the key inquiry questions. Each book is organised into sections dependent on the number of content descriptions in the Geographical Knowledge and Understanding strand for that year. Within each section is a number of 4-page units which explore different aspects of the content description linked to the key inquiry questions. The activities in each unit give students the opportunity to practise geographical skills while addressing concepts which aid geographical understanding.

**NEW**

RIC6680K	Complete Set	\$273.95
RIC6680	Foundation – Ages 5-6 yrs	\$39.95
RIC6682	Year 1 – Ages 6-7 yrs	\$39.95
RIC6684	Year 2 – Ages 7-8 yrs	\$39.95
RIC6686	Year 3 – Ages 8-9 yrs	\$39.95
RIC6681	Year 4 – Ages 9-10 yrs	\$39.95
RIC6683	Year 5 – Ages 10-11 yrs	\$39.95
RIC6685	Year 6 – Ages 11-12 yrs	\$39.95

**NEW****Water Kit Books**

Investigate topics such as water conservation and pollution, the water cycle, water and health, and freshwater ecosystems. All levels cover a variety of learning areas, including society and environment, science, health, art and craft, drama. Includes teacher's notes.

RIC0585	Ages 6-8 years	\$36.95
RIC0586	Ages 9-10 years	\$36.95
RIC0587	Ages 11+ years	\$36.95







**SUPER  
BUY**

~~\$619.45~~  
**NOW ONLY**  
**\$421<sup>95</sup>**  
SAVE \$197.50

### Light, Colour, Refraction & Reflection Kit

Learn everything about colour mixing, rays of light, reflection and refraction! This kit is a great collection of resources to learn about focal points, angles of light rays and much more. Contents may vary.

ESC007P

\$421.95

#### Kit includes

- Optical bench
- Glow in the dark LED torches— Set of 12
- Newton colour mixing model
- LED ray box
- Acrylic blocks — Set of 7
- Glass lenses — Set of 6
- Refraction tank — Set of 4
- Wooden lens holder — Set of 4
- Refraction & reflection demonstration model
- Mounted mirrors — Set of 10
- Colour paddles — Set of 15



### Colour Mixing Glasses

Slide coloured lenses in and out of the top of the frame so children can mix colours. For instance, use a red lens and a yellow lens to 'see' in orange. Comes with 6 coloured lenses (2 red, 2 blue, 2 yellow) and 2 'bug eye' lenses.

LER2446

\$19.95



**NEW**

### Colour Paddles

Teach colour combining and the principles of colour mixing with this set of clear plastic colour viewers in 6 colours.

CT8157	6 pieces	\$10.95
CT8157K	18 pieces	\$15.90

View amazing  
patterns

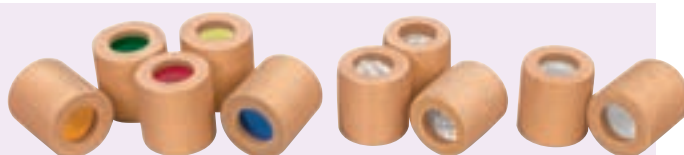
**NEW**

### Kaleidoscope Set

Construct the whole kaleidoscope by yourself and then watch the beautiful patterns form. Features: left body, right body, eyepiece, 3 foil mirrors, 3 colour chips, 2 marbles, colour chips case, colour chips holder and marble holder. Includes easy-to-follow instructions. Suitable for ages 8 and up.

DC51220

\$13.95



3+  
yrs

### Explore and Discover Science Viewers

Our irresistible viewers let children explore the world around them - through 10 different lenses! The set includes 10 wooden viewers, each with a specially designed lens for discovering colour, light or magnified objects. Viewers measure 4.4cm. Ages of interest: 3 – 6 years

LS427

\$92.95



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

## Light &amp; Colour

**NEW****Splats**

This set of 10 splats includes the 3 primary colours, the 3 secondary colours as well as black, white, clear and double sided mirror. A great set for exploring light, colour and shape with the very youngest children. Can also be used for display in the painting area.

CT72397      10 piece      \$49.00

**NEW****Jumbo Colour Mixing Shapes**

Easy to handle, these shapes are good for colour mixing, using as templates, and to support mathematical development. Set of 6 shapes in 6 colours. 20cm approximately.

CT72395      6 piece      \$69.95

**NEW****Kubic Bubbles**

Become entranced by these geometric bubbles. Illustrate light refraction, solutions to geometrical problems, surface areas and properties of soap films. Build cubes, octahedrons, tetrahedrons or prisms with these plastic frames. Dip them into a soap-glycerine solution to create attention grabbing shapes. Can also be used with an overhead projector. Includes instruction booklet.

DC51242      \$16.95

**NEW****Torches**

Standard hand torch with a 6cm(dia) lens. Each torch is 18cm long and requires 2 x D batteries (not included).

DC50228      Each      \$4.95  
CT48012      Set of 12      \$59.95

SAVE  
**\$2745**

**NEW****Student Torch**

Student hand torch with a 3cm(dia) lens. Each torch is 15.5cm long and requires 2 x AA batteries (not included).

CT51646-12K      Set of 12      \$31.95

**NEW****Torch Set**

Set includes: 1 x Torches 12p and 12 x Batteries D 2p, provided in a convenient storage container.

TFC51740      Set of 36      \$87.95

**NEW****Student Torch Set**

Set includes: 12 x Student Torches 1p and 6 x Batteries AA 4p, provided in a convenient storage container.

CT51646-36K      Set of 36      \$61.95





### Safety Mirrors

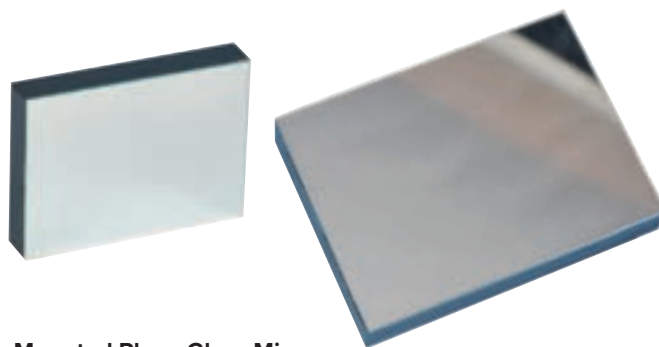
Perfect for light experiments, this shatterproof mirror is classroom safe. Pack of 12 plastic mirrors, each measuring 7.5 x 10cm.

LS469

Pack of 12

\$59.95

2+ yrs



### Mounted Plane Glass Mirrors

These plane glass mirrors are mounted on a wooden block (approx. 20mm thick), which makes them an ideal resource for light reflection and refraction. Silvered back with protective coating.

EIS0515C	10 x 7.5cm – Each		\$5.80
EIS0515CK	10 x 7.5cm – Set of 10	<del>\$58.00</del>	\$51.95
EIS0515E	15 x 5cm – Each		\$6.50
EIS0515EK	15 x 5cm – Set of 10	<del>\$65.00</del>	\$59.95



NEW

### A4 size Mirror

These plastic unbreakable mirrors are safe to use and ideal for simple experiments with light.

SH51226

Pack of 3

\$19.95

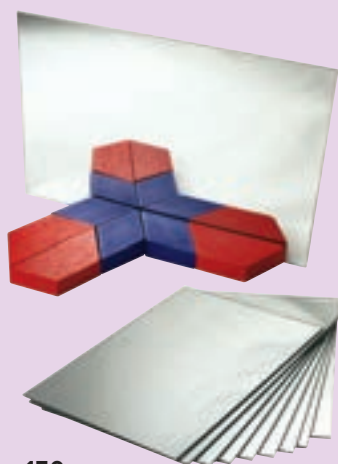


NEW

### Hinged Mirror - 100mm x 150mm

These plastic mirrors are safe to use and ideal for simple experiments with light. Unbreakable extra thick (3mm) distortion free plastic mirror, tape together.

TFC11657	Pack of 10	\$19.95
10 or more – Each		\$10.00



NEW

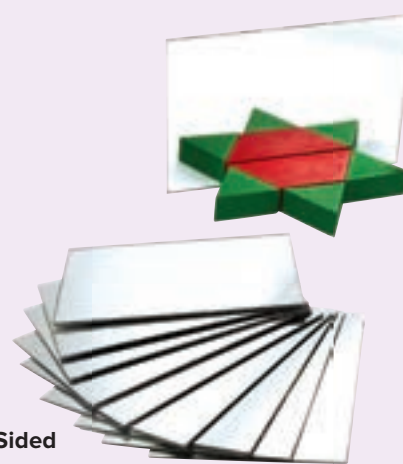
### Mirror - 100mm x 150mm

These plastic mirrors are safe to use and ideal for simple experiments with light. Unbreakable and flexible. Can be cut with scissors. Single sided.

TFC10484

Pack of 10

\$15.95



NEW

### Mirror Double Sided - 90mm x 60mm

These plastic mirrors are safe to use and ideal for simple experiments with light. Unbreakable and bendable. Double sided.

TFC10310

Pack of 10

\$19.95



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



## Light &amp; Colour

**NEW****Concave/Convex Mirror**

These plastic mirrors are safe to use and ideal for simple experiments with light. 10 x 10cm unbreakable.

NK51225	10 piece	\$39.95
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**NEW****Mirrors**

Quality glass mirrors that demonstrate image distortions. Each measures 5cm (dia). Set of 2 (NK51227K) includes: 1 x Mirror Concave (NK51227) and 1 x Mirror Convex (NK51228).

NK51227K	Set of 2	<del>\$9.00</del>	\$8.30
NK51227	Concave		\$4.50
NK51228	Convex		\$4.50

**NEW****Light & Colour Poster**

Develop an understanding of science and technology, measurement, data analysis and probability as well as technological design. Resource guide on back. 43 x 55cm.

CD5864	\$7.95
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**NEW****Light and Colour Book**

Includes terminology, inquiry-based activities, challenge questions, extension activities, assessments, and curriculum resources. 80 pages.

CD1613	Grades 5-8	\$25.00
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**Glow in the Dark Torch – Assorted Colours LED**

These torches have 9 white LED lights, making them super bright! They also glow in the dark, so they are easy to find during a power cut. Each torch measures 9cm long x 2.6cm in diameter. They have a rubber grip and an aluminium head and end. A rubber push button turns the torches on and off. The torches are supplied in assorted colours (green, yellow and pink) and require 3 'AAA' batteries (not included). Children can explore light, shadow, shape and colour with this durable and hard wearing torch.

UB0241	Each	\$3.95
UB0241K	Set of 16	\$62.95

**Newton's Colour Disc**

Teach movement and colour in science. This colour disc is useful for demonstrating that white light may be composed from all the spectral colours by rotation of multi-coloured disc. The disc is 17cm diameter, with easy spinning belt drive system. Total height is 32.5cm.

EIS0583	Each	\$40.95
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SET OF 8  
**\$31<sup>95</sup>**  
 SAVE \$3.70

### Bi-convex Lenses

EIS0534-K	One of each lens – Set of 8	\$31.95
EIS0534-38V	3.8cm Diameter – 10cm Focal Length	\$2.50
EIS0534-50V	5cm Diameter – 10cm Focal Length	\$2.80
EIS0534-G	5cm Diameter – 5cm Focal Length	\$4.95
EIS0534-I	5cm Diameter – 15cm Focal Length	\$2.50
EIS0534-L	5cm Diameter – 50cm Focal Length	\$1.95
EIS0534-N	7.5cm Diameter – 10cm Focal Length	\$8.25
EIS0534-O	7.5cm Diameter – 15cm Focal Length	\$6.20
EIS0534-P	7.5cm Diameter – 20cm Focal Length	\$6.50



SET OF 8  
**\$31<sup>95</sup>**  
 SAVE \$3.70

### Bi-concave Lenses

EIS0536-K	One of each lens – Set of 8	\$31.95
EIS0536-38C	3.8cm Diameter – 10cm Focal Length	\$2.50
EIS0536-50C	5cm Diameter – 10cm Focal Length	\$2.80
EIS0536-G	5cm Diameter – 5cm Focal Length	\$4.95
EIS0536-I	5cm Diameter – 15cm Focal Length	\$2.50
EIS0536-L	5cm Diameter – 50cm Focal Length	\$1.95
EIS0536-N	7.5cm Diameter – 10cm Focal Length	\$8.25
EIS0536-O	7.5cm Diameter – 15cm Focal Length	\$6.20
EIS0536-P	7.5cm Diameter – 20cm Focal Length	\$6.50

### Glass Lenses in Box

Each lens has a diameter of 5cm. With ground and polished faces and ground edges. One each of double convex, plano convex, converging concave-convex, diverging concave-concave, double concave, plano-concave. Supplied in box.



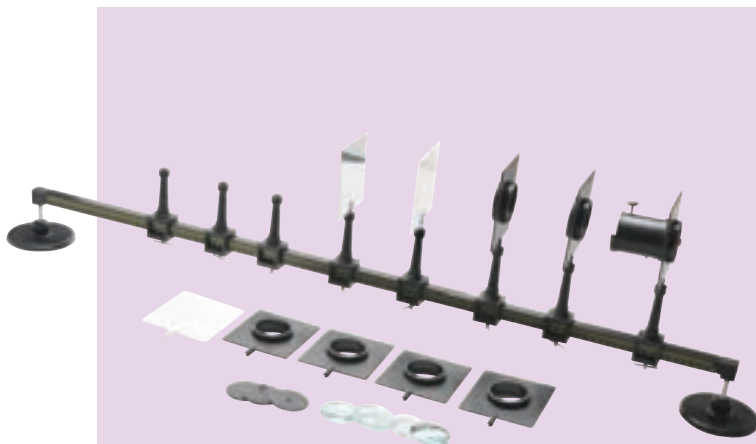
EIS0538A Set of 6 \$29.95

### Wooden Lens Holder

Wooden lens holder to take lenses or mirrors up to 76mm diameter. The holder measures 10cm high, with V shape slot to hold a convex or concave lens. The base measures 10 x 5cm. An index mark is engraved on each end of the base. Illustrated lens is not included.



EIS0550A 10cm \$6.15



### Optical Bench Kit

This kit is ideal for introductory optics investigations. Set comprises of: 1 bench (1m), 8 pcs riders with tightening screw, 1 lamp (12V, 24W), 6 pcs lens holder for 50mm dia lenses, 1 each lens biconvex +10, +20, +50, 1 pc lens bi-concave -20, set of diaphragms, 1 plain mirror (10 x 10cm), 1 translucent screen (10 x 10cm), 1 transparent screen (10 x 10cm), 1 object screen white (10 x 10cm).

EIS0649 \$143.95



### Light Box and Optical Set 12V

This is the perfect set for reflection, refraction and colour mixing. The light box consists of a light source 12 V, 24W lamp, producing convergent, divergent or parallel beam. On one end, there is an adjustable convex lens, on the other side of the light box is a triple aperture system for colour mixing experiments. The set includes acrylic blocks, 3 mirrors, 2 slit black plates, one with three narrow slits at one end and one narrow slit at the other end. Another black plate with four narrow slits at one end and one wide slit at the other end, 7 mounted colour filters. Supplied with working instructions. Power supply required (not included).

EIS0615 \$139.95



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



## Light &amp; Colour

EIS0555K  
**\$79<sup>95</sup>**  
 SAVE \$5.05

### Prisms – Acrylic

These prisms can be used to demonstrate the refraction of light, ideal for optics experiments. The equilateral prism is 7.5cm in length x 2.5cm in height. The right angle prism is 7.5cm in length x 2.5cm right angle side x 3.5cm hypotenuse. The kit (EIS0555K) consists of 5 equilateral and 5 right angle prisms.

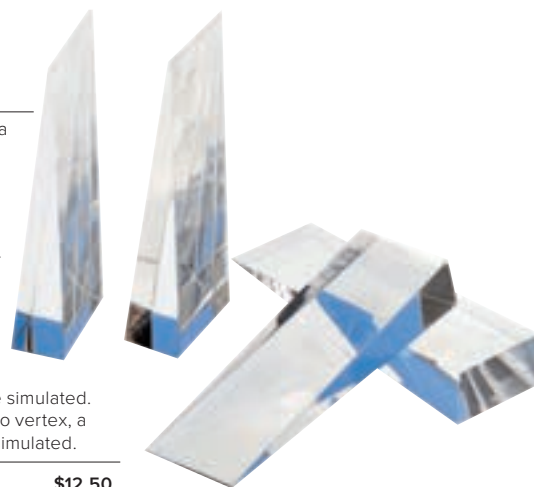
EIS0555K	5 x Equilateral + 5 x Right Angle	\$79.95
EIS0554C	Equilateral	\$8.50
EIS0555C	Right Angle	\$8.50



### Pair of Narrow Prisms

Designed to provide a progression of ideas from the principles of refraction in prisms to the properties of lenses. Each acrylic prism is in the form of a narrow isosceles triangle 1.5 x 6 x 2cm base, height, thickness. When placed base to base, a convex lens may be simulated. When placed vertex to vertex, a convex lens may be simulated.

EIS0564 Set of 2 \$12.50



### Glass Block – Rectangular

Glass block used to demonstrate refraction of light. Made of optical glass with high refractive index.

EIS0566C 10 x 6 x 1.8cm \$7.50

**NEW**

### Acrylic Prisms

Break white light into a spectrum of colours with these acrylic prisms. They are an exciting way for children to investigate light.

NK51234 Set of 7 \$39.95



**NEW**

### Glass Prisms

NK11702	Rectangle - 9 x 6 x 3cm – 90° x 60° x 30°	\$8.95
NK11701	Rectangle - 9 x 4.5 x 4.5cm – 90° x 45° x 45°	\$7.95
NK11700	Square - 6 x 6 x 6cm – 60° x 60° x 60°	\$7.95

## Refraction & Reflection Kit

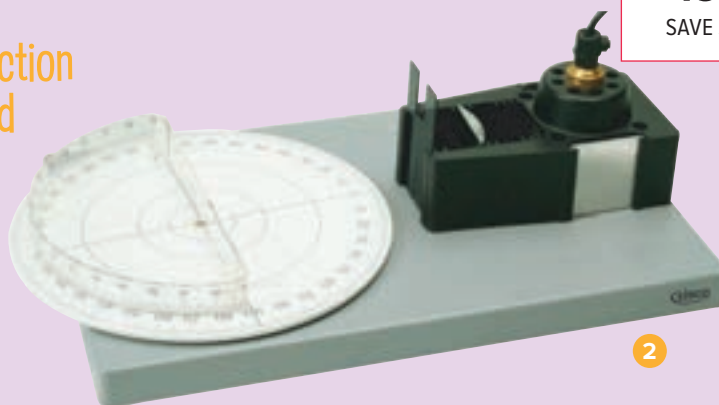
EIS0614K \$138.95

This kit consists of the refraction & reflection model (EIS0614A) and 4 additional refraction tanks (EIS0585B), which allows you to quickly compare the refraction and reflection of light through different liquids.

~~\$147.75~~  
**NOW ONLY \$138<sup>95</sup>**  
 SAVE \$8.80



Investigate the reflection of light in a liquid



### 1. Refraction Tank

This refraction tank is an ideal resource to show refraction and reflection of light in a liquid. This tank can be filled with water or any other type of liquid. Size: 20cm in diameter.

EIS0585B \$11.95

### 2. Refraction & Reflection Demonstration Model

Investigate the refraction and reflection of light in a liquid with this demonstration model. It's easy to rotate the base and read the angles of the refraction without disturbing the light source. It includes an acrylic semi-circle that can be filled with different mediums to measure the index of refraction. A light source is mounted on the base with a single, double, triple and wide slit attachment, 2 metal shields to block the light and an acrylic lens to focus the beam of light. Includes teacher's instructions. A power supply is required (not included).

EIS0614A \$99.95



**SUPER  
BUY**

~~\$332.10~~  
NOW ONLY  
**\$253<sup>95</sup>**  
SAVE \$78.15

### Light & Sound Kit

Experiment with sound and light with this physics curriculum kit. Contents may vary.

ESC001P

\$253.95



#### Kit includes

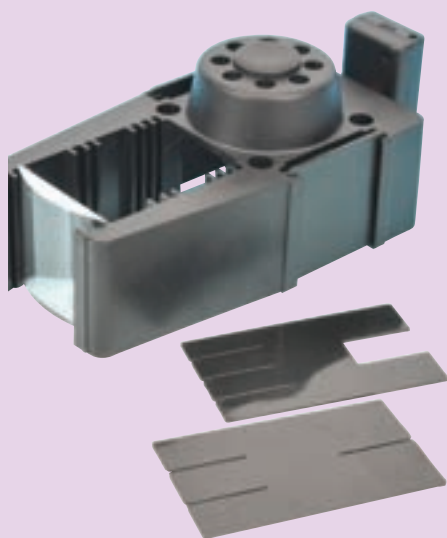
- Global Sounds Kit
- Rainmaker
- Percussion Set – 17 pieces
- Plastic Recorder
- Hand Torches – 12 pieces
- Colour Mixing Glasses
- Colour Paddles – Set of 6

### LED Ray Box & Acrylic Blocks Kit

EIS0571K \$93.95

Kit of 1x Acrylic Blocks Set (EIS0571) and 1x LED Ray Box (EIS006RB).

1



2



~~\$106.90~~  
NOW ONLY  
**\$93<sup>95</sup>**  
SAVE \$12.95

#### 1. LED Ray Box

This ray box uses LED light and is battery operated, therefore the body of the box will not heat up with high power bulbs. A front opening provides 7 grooves for accessories and lenses. Perfect for experiments with divergent and convergent light rays. Supplied with 2 metres of flex and two 4mm plugs, 12V, 24W B15 bulb, bulb holder, slit plate, aluminium blanking plates and working instructions.

EIS006RB

\$49.95

#### 2. Set of 7 Acrylic Blocks

A great set of 7 clear acrylic blocks, all 25mm thick in a wooden storage box. Contents: rectangle (75 x 50mm), semi circular (75mm dia.), triangle 60° x 60° x 60° (58mm side), triangle 90° x 45° x 45° (75mm hypotenuse), triangle 90° x 60° x 30° (75mm, hypotenuse), bi-convex (75mm long, curved faces 100mm radius), bi-concave (75mm, curved faces 100mm radius).

EIS0571

Set of 7

\$56.95

#### Direct Vision Spectroscope



This direct vision spectroscope has a strong housing and is excellent for student use. It has a very bright 600 lines/mm holographic replica granting a very good resolution. The bright bands of the dominant wavelengths are clearly visible against the scale.

EIS0595

\$90.95

**NEW**

#### Candles

Regular size candles. Tapered at one end. For use in science and technology activities. 20cm.

DC51296

Pack of 6

\$3.50



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



## Sound

**NEW****Percussion Set**

Set of 10 percussion instruments in handy clear plastic carry case. Contains a pair of maracas, a pair of castanets, tambourine, triangle and beater, pair of claves, rhythm-clapper, single tone guiro and beater, a pair of finger cymbals, wooden shaker pot and a 13 bell jingle stick.

CT85101

10 pieces

\$172.58



2+ yrs

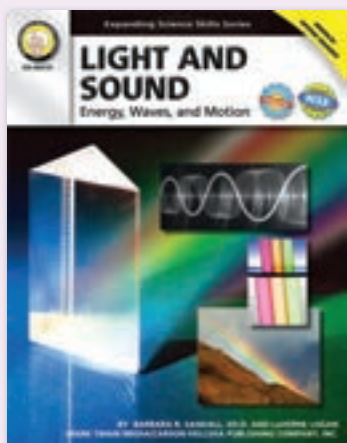
**Sensory Tubes**

Develop students' senses and encourage science exploration with this set of 4 sturdy, clear tubes. Each tube comes with 2 solid lids plus one vented lid. Let children explore their sense of smell, secure small creatures or hold liquids securely inside. Tubes come empty and measure 30 x 5cm in diameter.

LER2445

Set of 4

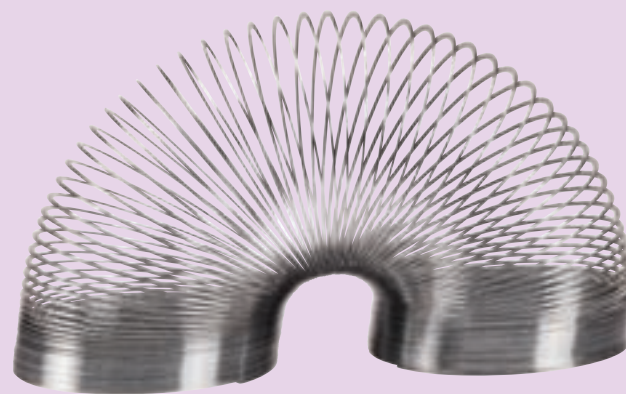
\$62.95

**NEW****Light and Sound Book**

Includes terminology, inquiry-based activities, challenge questions, extension activities, assessments and curriculum resources. 80 pages.

CD404121

\$24.95

**Super Spring**

The super spring can be used for exciting physics demonstrations such as creating sound waves.

CUS0304

Each

\$9.95



335  
pieces

Teachables

8+  
yrs**Mega Classroom Magnet Kit**

This mega classroom magnet kit has everything you need to teach the wonders of magnetism. This kit consists of 5 bumper cars, 40 magnetic rings, 10 magnetic characters, 10 magnetic wands, 50 magnetic balls, 5 iron filing caps, 5 giant horseshoe magnets, 10 bar magnets and 200 steel chips, all packed in a handy storage box. The intended use of this kit is for educational purposes. Total of 335 pieces.

FD1001K

335 pieces

\$185.95

Lakeshore  
LEARNING MATERIALS**Magnet Kit**

This kit has all your classroom needs, including horseshoe magnets, powerful bar magnets, magnetic wands, compasses and more. Plus, you get handy activity cards filled with 10 fun experiments and a non-fiction book to introduce concepts and reinforce key ideas! Total of over 100 pieces, in a tub.

LS512-1

Over 100 pieces

\$159.95

4+  
yrs**Magnet Essentials Kit**8+  
yrs

A great starter set to teach the basic principles of magnetism. The set includes 14 magnetic wands in 7 colours, each measuring 20cm, 14 colourful rectangles (6 x 2.8 x 1.3cm), 20 jumbo magnetic marbles (3.4cm in diameter) and a set of 100 steel ringed chips.

LEL001K

148 pieces

\$103.95

\$125.65  
**\$103<sup>95</sup>**  
SAVE \$21.70

**Super Magnet Classroom Lab Kit**

Get magnetised! Everyone can explore hands-on with this complete 224-piece magnetic classroom set for 25 students. Includes: 100 magnetic chips, 100 magnetic paper clips, 10 marbles, 7 magnetic wands, 2 metal bar magnets, 2 metal ring magnets, 2 mini metal horseshoe magnets, 1 large plastic horseshoe magnet, teacher's guide and storage box.

LER2064

224 pieces

\$69.95

5+  
yrs**STEM Magnets Activity Set**5+  
yrs

STEM lessons are irresistible when you add the excitement of magnets! Learn all about the properties of magnetism in a fun, colourful way. Pieces include a horseshoe magnet, magnetic post, maze, 4 colour-coded ring magnets, 2 colour-coded bar magnets, 2 magnetic bugs and 2 snap-on cars to bring investigations to life. Also includes 10 double-sided activity cards (20 activities!) about attraction, repulsion and more. Comes with extensive teacher notes. Maze measures 28 x 21.5cm.

LER2833

20 activities

\$59.95

The intended use of the products featured on this page are for educational purposes only. Adult supervision is required.  
Seek immediate medical attention if magnets are swallowed or inhaled.



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



## Magnetism

**NEW****Magnetic Attraction Kit**

Among the items in this set are the Bumper Cars and Floating rings to illustrate attraction and repulsion, plus Magnetic Wands and Iron Filing cases to demonstrate magnetic fields.

CT50217

\$129.95

**NEW****Magnetic Materials Testing Kit**

20 magnetic and non magnetic objects; some familiar, some not, neatly sealed in clear plastic pots with 2 magnetic wands to test for magnetism. Good for individual and group work, supplied in a strong storage case.

CT50241

\$59.95

**NEW****Plastic Ring Magnets**

These plastic Ring Magnets come with a central hole and crossbar, for use in experimentation. Inside, they house powerful ceramic magnets and are marked with North/South Poles. Rings size: 3.6cm (dia) x 0.8cm. Can be used with Bumper Cars (CT50183).

CT50186

Pack of 4

\$9.95

**NEW****Bumper Cars and Ring Magnets Set**

Set comprises of two bumper cars and four ring magnets. The cars feature slots to accommodate the ring magnets. Students will learn all about the power of magnets as well as the force of magnetic attraction and repulsion. These cars will run away from or towards each other depending on how the magnets are arranged. Magnets are colour-coded and marked with North/South Poles for clarity. Car size: 10 x 5 x 6cm. Rings size: 3.6cm (dia) x 0.8cm. Spare rings available (CT50186).

CT50183

\$19.95

**Magnetic Marbles in Tub**

This giant magnetic tub has a double wall with iron filings between the two layers to show a 3-dimensional view of the magnetic field around the magnet supplied. The magnet is removable and the filings are safely encased. Size: 15mm in diameter.

CT50291 Set of 100 \$49.95

**Jumbo Magnetic Marbles**

The jumbo sized magnetic marbles measure approximately 3.4cm in diameter. Watch as they spin, attract and repel each other on a table ... a fun way to learn about magnetism! A set of 10 marbles. Ages 8+ years

LEL160 Set of 10 \$12.95



Set of 10

The intended use of the products featured on this page are for educational purposes only. Adult supervision is required.  
Seek immediate medical attention if magnets are swallowed or inhaled.





### Steel Ringed Chips

These may look like your regular chips but they actually contain a metallic ring on the inside of each one making it easy for magnets to pick them up. Chips are sonically welded for extra durability. Supplied in assorted colours. Ages 6+ years

LEL0222	Set of 100	\$5.95
TFC51076	Set of 500	\$39.95
TFC51073	Set of 1000	\$79.95



**NEW**

### Plastic Horseshoe Magnet

The ideal magnet for early experiences of magnetic forces. Popular red and yellow plastic horseshoe magnet with keeper. High quality and durable. 12cm(H).

NK51062	\$9.95
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**NEW**

### Giant Horseshoe Magnet

High quality, durable monster magnet measures 23cm in height and lifts up to 1.8kgs. Convenient handle allows little hands to grip the magnet comfortably.

FD00001	\$12.50
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**NEW**

### Super Magnets

For ultimate pulling power! Incredible magnets housed in tough colour-coded outer mouldings (red - North, blue - South). Design allows students to safely experience first hand the force of neodymium.

CT50209	2 pieces	\$39.95
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Set of 7

### Magnetic Rectangles

These magnetic rectangles measure 6 x 2.8 x 1.3cm approximately and are supplied in a set of 7. Ages 8+ years

LEL336	Set of 7	\$16.95
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The intended use of the products featured on this page are for educational purposes only. Adult supervision is required. Seek immediate medical attention if magnets are swallowed or inhaled.



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



## Magnetism

## Class set

**NEW****Magnetic Wand Set**

Great value. 30 x wands, 1000 x chips and 300 x balls all in a tub!

TFC51009

\$299.95

**NEW****Magnetic Wand Fun Pack**

2 x wands, 20 x balls and 100 x chips all in a container.

DC51028

\$21.95

**NEW****Magnetic Wands**

Great for scientific discovery and exploration. Magnetic wands are powerful, colourful and durable. 6 brilliant colours.

NK51070

Each

\$3.00

NK51071

Set of 6

\$14.95

**NEW****Floating Ring Magnet Set**

Students can master the amazing floating magnet trick. They can achieve this by simply stacking the rings with like poles facing each other so they repel. Set of 5 rings with a stand, stand measures 12cm tall, while rings are 2.8cm (dia).

NK51054

5 magnets with stand

\$9.95

**Magnetic Match Rings**

A fun way to learn about magnetism, develop visual matching skills and improve hand/eye co-ordination. Each ring is magnetic. When the rings are stacked they either attract the next ring (snap together), or repel the next ring (push apart or cause it to float). The set consists of 40 challenge cards, 10 Magnetic Rings (3 Blue, 3 Red, 2 Yellow, and 2 green). Each ring is 3.4cm in diameter. Ages 5+ years

LEL0351

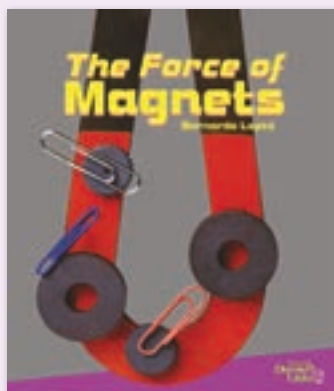
\$25.95



Learn about the repelling or attracting force of magnets

The intended use of the products featured on this page are for educational purposes only. Adult supervision is required.  
Seek immediate medical attention if magnets are swallowed or inhaled.





### The Force of Magnets Big Book

These science big books are a perfect way to introduce science subjects to young ones. Each book has beautifully illustrated images and photographs.

NW4913

\$49.95



NEW

### Giant Bar Magnets

A set of 2 enormous powerful plastic cased magnets for little hands, colour coded red and blue and the poles marked (N & S) they clearly highlight the effect of like poles repelling and unlike poles attracting. Can be used in all kinds of magnetic investigations, to test out what is magnetic and what is not. Magnets measure 13(L) x 4(W) x 1(H)cm.

CT50275

Set of 2

\$29.95



Set of 10

NEW

### Plastic Cased Bar Magnets

Red and blue plastic covered bar magnets. These magnets are attractive as well as an easy way to teach magnetic attraction and repulsion. Ages 8+ years

EIS7850

Set of 10

\$39.95



NEW

### Horseshoe Magnets Set

High quality and durable chrome steel horseshoe magnets with keepers. Includes plastic wallet. One of each size; 7.5, 10 and 12.5cm.

CT50102

Set of 3

\$59.95



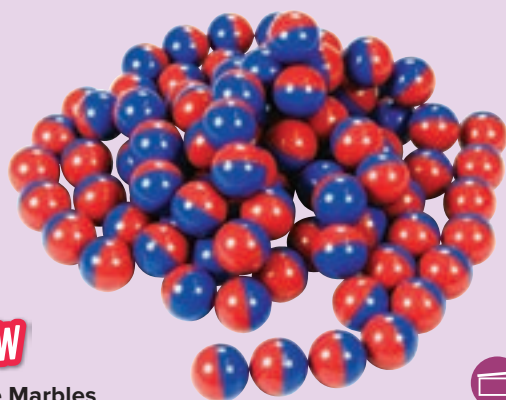
NEW

### Small Magnet Kit in Tray

Selection of magnets and materials assembled in plastic tray with cardboard sleeve. Includes alnico bars, alnico button magnets, ferrite blocks and rings, chrome steel horseshoe magnet, alnico horseshoe magnet and coloured squares of magnetic rubber.

CT50203

\$149.95



NEW

### Pole Marbles

Colour-coded plastic cased magnetic marbles. Not only do they attract and repel, the colour coding reinforces that opposite attract and likes repel. Red will only ever stick to blue. 1.7cm diameter makes them unsuitable for use with children under 3 years.

TFC51083

Set of 100

\$29.95



NEW

### Giant Pole Marbles

A set of 4 ultra powerful colour-coded giant pole marbles which are also clearly marked N and S for easy identification (3cm in diameter). Useful for all kinds of magnetic fun and being colour-coded means that children will see them only attracted to opposing poles. Being large, makes for easy handling. 3cm (dia).

TFC51084

Set of 4

\$16.95

The intended use of the products featured on this page are for educational purposes only. Adult supervision is required.  
Seek immediate medical attention if magnets are swallowed or inhaled.



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



## Magnetism

**NEW****Iron Filings Shaker**

Handy solution for magnetic flux experiments. Loose iron filings encased in a plastic shaker. 225g approx.

CT0611

\$12.95

**NEW****Iron Filings in Case**

An affordable way to demonstrate magnetic attraction! This durable plastic case is firmly sealed to prevent mess or loss of the iron filings. Measures 9.5 x 6.7 x 1.2cm.

LELO220

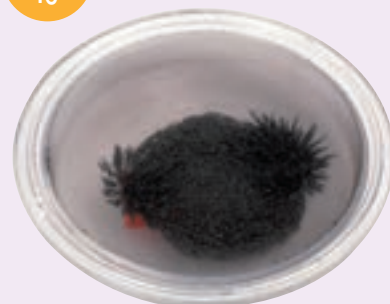
Each

\$4.95

LELO220K

Set of 10

\$25.60

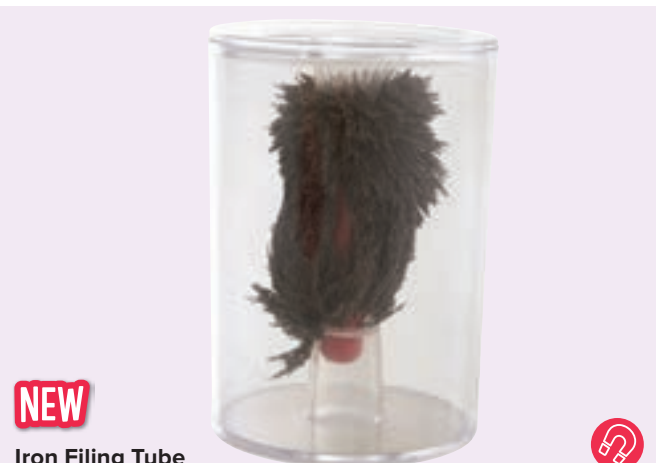
Set of  
10**Round Iron Filing Discs**

Filings encased in a plastic bubble, used to observe the effects of invisible magnetic fields. Supplied in a set of 10 discs. Each disc measures 8.5cm in diameter.

CT50351

Set of 10

\$37.95

**NEW****Iron Filing Tube**

Giant magnetic tube containing a double wall with iron filings between the two layers. Shows a three dimensional view of the magnetic field around the magnet supplied. Magnet is removable, filings are safely encased. 13 x 9cm.

CT50066

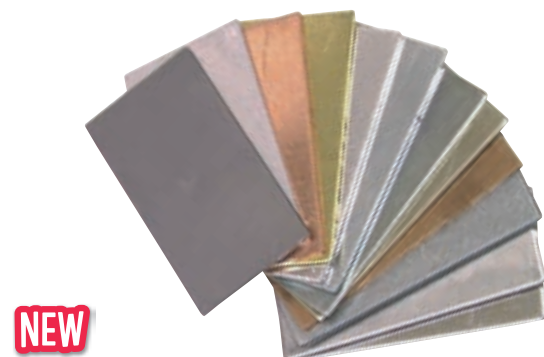
\$42.95

**Lakeshore**  
LEARNING MATERIALS**Large Magnetic Field Wonder Window**

Let magnets glide over the top to get an incredible view of magnetism in action! Size 25(L) x 20(H)cm. Illustrated magnets not included.

LS501

\$109.95

**NEW****Metal Strip Set**

Set includes strips of soft aluminium, hard aluminium, magnetic stainless steel, non-magnetic stainless steel, zinc, zinc plate, nickel silver, bronze, galvanised steel, mild steel, copper and brass, stamped with letter to identify metal. Ideal for experiments to demonstrate magnetic properties and classifications of metals. Strips measure 50 x 25mm.

CT50147

Set of 12

\$49.95

**NEW****Metal Disc Set**

Ideal for experiments to demonstrate magnetic properties and classifications of metals. Includes discs of brass, copper, bronze, nickel silver, mild steel, stainless steel, zinc and aluminium. Discs are stamped for identification. 2.5cm(dia). Set of 16 (EIS0798B) contains 8 stamped and 8 blank discs.

SHW51034

Set of 8

\$17.95

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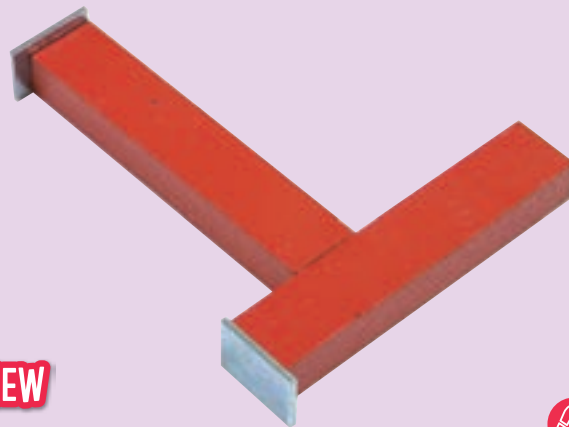


**NEW****Lodestone**

Walnut sized piece. Lodestone is a naturally occurring magnetite (magnetic iron ore).

NK51018

\$10.95

**NEW****Alnico Bar Magnets**

Rectangular, bar-shaped.

SHW51011

5cm - Set of 2

\$49.95

SHW51010

7.5cm - Set of 2

\$79.95

**NEW****Ferrite Magnets Set**

Ferrite magnets exhibit a high degree of coercive strength, making them more resistant to demagnetisation. Large surface area that is magnetic in dependable ferrite material. Each magnet measures 5 x 1.9 x 0.6cm.

SHW51021

Set of 10

\$16.95

**NEW****Ferrite Ring Magnets**

Quality ferrite magnets with holes, allowing them to be threaded on string or dowel for further investigation.

SHW51022

1.2cm dia. - Set of 10

\$7.95

SHW51027

2.4cm dia. - Set of 10

\$14.95

**NEW****Ceramic Magnets**

Glue these magnets onto plaster moulds, frames or wooden pegs and decorate the whiteboard. Super pack DC51013K includes: 100 x Ceramic Magnet Round 1.5cm (dia), 100 x Ceramic Magnet Round 2cm (dia) and 100 x Ceramic Magnet Rectangular 3 x 2 x 0.3cm.

DC51012

Round - 1.5cm dia. - Set of 10

\$2.50

DC51014

Round - 2cm dia. - Set of 10

\$2.95

DC51016

Rectangular - 3 x 2 x 0.3cm - Set of 10

\$2.95

DC51013K

Super Pack of 300

\$79.95



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



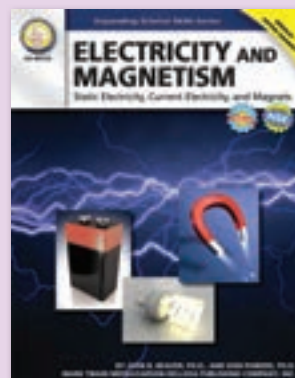
## Electromagnetism

**NEW****Hercules Electromagnet**

An amazing demonstration of how powerful magnetism can be! When switched on, an iron plate locks itself solidly to the bottom of the electromagnetic core. Turning the switch off will release the load or hold it in the air, as required. Karabiners on the top and bottom of the device make it easy to clip into position. Battery and instructions are supplied.

SHW51094

\$199.95

**NEW****Electricity and Magnetism Book**

Reinforce good scientific techniques! Provided is a quick overview of each lesson for the teachers, knowledge builders for the students and inquiry investigations that can be completed individually or as a group. Tips for lesson preparation, glossary and inquiry rubric are also included. This is a perfect book for differentiated instruction. 80 pages. Ages 8+ years

CD404122

\$24.95

**NEW****Electromagnet**

Soft iron U bend 10cm high with coils, connectors and keeper, for use with 4.5 to 9 volt DC supply. Demonstrates that soft iron becomes a magnet in the presence of an electric field. Comes supplied with full supporting teacher's notes.

NK51091

\$26.95

**NEW****Electricity & Magnetism Poster**

Did you know that the Earth acts as a giant magnet? Learn about electricity and magnetism with the suggested activities on the back. The 4 activities are reproducible. 43 x 55cm.

CD5863

\$7.95

**NEW****Magnetism Poster**

Ever wondered why things stick to you? It has something to do with magnetism. This colourful visual learning reference measures 49.5 x 69.5cm with activities listed on the back.

TFC59050

\$6.95

**NEW****Electromagnet Kit - Basic**

Basic Electromagnet Kit for primary educational use with 6V torch battery, two lead wires with alligator clips, one electromagnet and a storage container.

DC51092

\$259.95

**NEW****Compass Magnet with Bowl**

This set comprises of a large colour coded plastic floating compass which contains a powerful magnet and a clear bowl marked with cardinal points of a compass. Bowl measures 11.5cm(dia), magnet measures 8.5cm.

CT50295

\$18.95



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Seek immediate medical attention if magnets are swallowed or inhaled.



**NEW****Magnets in Motion Kit**

Explore the wonders of Magnets! Investigate gravity, electric currents, and magnetic fields while building your own Galvanometer! For young scientists ages 10+. Assembly normally requires parent-participation. Contents Includes: Neodymium & Ceramic Magnets, Aluminum, Copper, Plastic, & Vinyl Tubes, Iron Filings, Steel Plug, Compass, Rubber Bumpers, Nails, Paper Clips and an Activity Guide.

DC50035    Ages 10+ years    \$79.95

**NEW****Magnet Levitation Kit**

Explore the wonders of Magnets! Experiment with the mystery of equilibrium, gravity and magnetic fields while building your own magnetic levitating train! For young scientists ages 10+. Assembly normally requires parent-participation. Contents Includes: Neodymium & Ceramic Magnets, High-force Magnetic Strip, Iron filings, Plastic Guide Rails, Compass, Wood Block, Nails, and an Activity Guide.

DC50036    Ages 10+ years    \$79.95

**NEW****Electromagnet Science Kit**

Explore the wonders of Magnets! Experiment with the power of magnets and build chimes, buzzers, a motor and your own private telegraph system! For young scientists ages 10+. Assembly normally requires parent-participation. Contents Includes: Neodymium & Ceramic Magnets, Light Emitting Diode (LED), Iron Filings, Switch Plates, Compass, Battery Holders, Pre-drilled Wood Blocks, Wire, Nails & Screws, Sand Paper, Straws, and an Activity Guide.

DC50037    Ages 10+ years    \$79.95

**Classroom Attraction Kit Level 1****NEW**

Supplement your science curriculum with comprehensive magnet kits aligned with the Next Generation Science Standards! Investigate motion and stability, matter and its interactions and more. Designed for groups of 5–10 students.

DC50003    Ages 4-7    \$125.95

**Kit includes**

- 10 x Magnet Wands
- 10 x Plastic-Encased Button Magnets
- 15 x Magnet Rings
- 50 x Magnet Marbles
- 1 x Alnico Bar Magnet
- 200 x Metal-Rimmed Counting Chips
- Teacher activity guide.

**Skills**

- Compare & contrast different magnets (by size, shape & strength)
- Explore attraction & repulsion
- Investigate a magnet's force through solids & liquids
- Learn magnetism vocabulary

**Classroom Attraction Kit Level 2****NEW**

Classroom Attractions - Magnets and more for exploration and discovery!

DC50004    Ages 6-9    \$119.95

**Kit includes**

- 5 x Wooden dowels
- 5 x Nails
- 5 x Lodestones
- 10 x Magnet discs
- 5 x Magnet viewing film
- 5 x Alnico bar magnet
- 5 x Alnico horseshoe magnets
- 5 x Compass
- 15 x Latch magnets
- 10 x Ceramic block magnets
- 5 x Flexible magnet discs
- 5 x Corks
- 5 x Iron filings
- 1 x Demo alnico bar
- Teacher activity guide.

**Classroom Attraction Kit Level 3****NEW**

Enjoy hands-on learning using Foam Fun Magnet Pattern Blocks. Perfect for home or classroom use. Pattern Blocks help younger children practice shapes, colours, sorting and matching. Older students will benefit by using the Pattern Blocks to explore beginning fractions and geometry concepts.

DC50005    Ages 9-12    \$149.95

**Kit includes 200 Magnet Pattern Blocks**

- 20 x Yellow hexagons
- 20 x Orange squares
- 40 x Green triangles
- 40 x Red trapezoids
- 40 x Blue parallelograms (or rhombi)
- 40 x White parallelograms (or rhombi)
- Handy storage bucket
- Colorful booklet full of fun activities.
- 1 x Demo alnico bar
- Teacher activity guide.

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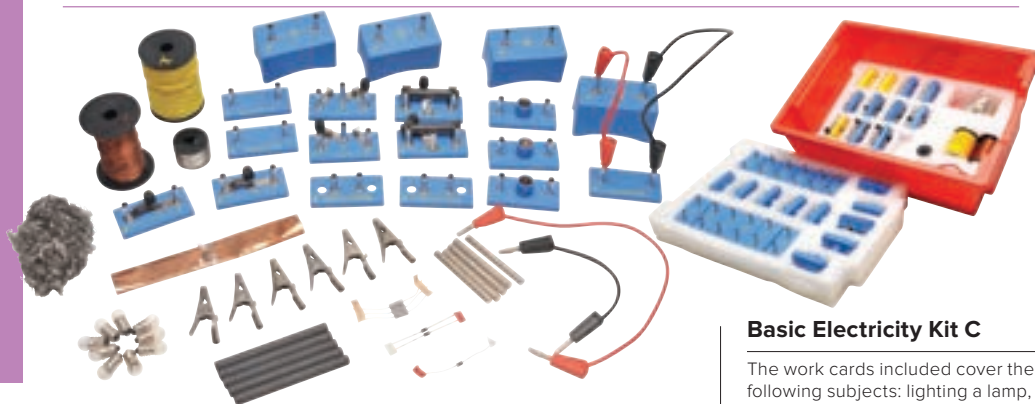
**FREE freight on all orders over \$99.** Conditions apply, see website for details.



## Electricity

## Electricity Classroom Kits

These electricity kits are designed as an alternative to the 'circuit-board' to teach introductory electricity. The kits include well structured instructional material and robust components mounted on tough, plastic bases, each with two 4mm sockets. Each of the sets is packed in polystyrene trays for protection. For full specifications per set, please refer to our website.



## Basic Electricity Kit A

This kit is suitable for a group of up to 6 students. The manual included introduces each of the equipment and a range of tasks and investigations.

EIS2011 37 pieces \$127.95

## Components

- 6x D-sized battery holders (without batteries)
- 6x Bulbs in holders
- 3x Press switches
- 3x Two-way switches
- 18x Connecting leads
- Teacher Booklet

## Basic Electricity Kit B

Each class needs only one of this Basic Electricity Kit B.

EIS2012 56 pieces \$129.95

## Components

- 20 Replacement bulbs
- 4x Variable resistors
- 3x Motors
- 3x Buzzers
- 2x Electrodes holders
- 3x Diodes
- 3x Fixed resistors
- 4x Universal clips with 8 crocodile clips
- 6x Steel rods
- 6x Carbon rods
- Reel of plastic coated wire
- Manual

## Basic Electricity Kit C

The work cards included cover the following subjects: lighting a lamp, using a switch, lamps in series and parallel, conductors and insulators, heat from electricity, using motors, a model house, and making an electromagnet.

EIS2014 56 pieces \$129.95

## Components

- 20 Replacement bulbs
- 4x Variable resistors
- 3x Motors
- 3x Buzzers
- 2x Electrodes holders
- 3x Diodes
- 3x Fixed resistors
- 4x Universal clips with 8 crocodile clips
- 6x Steel rods
- 6x Carbon rods
- Reel of plastic coated wire
- Manual

## Basic Electricity Kit D

The Basic Electricity Kit has been designed as a low-cost, attractive and flexible alternative to the 'circuit-board' approach to investigate simple circuits. Each component such as the switch, light bulb holder, rheostat, etc., is mounted on its own individual plastic panel with 4mm sockets. The panels are then formed into circuits by connecting them together using 4mm stackable leads.

EIS2010 172 pieces \$449.95

## Components

- 12x D-Sided battery holders (without batteries)
- 4x Electrode holders
- 12x 4mm leads black 10cm
- 4x 4mm leads black 25cm
- 12x 4mm leads red 10cm
- 4x 4mm leads red 25cm
- 8x Crocodile clips
- 4x Universal clips
- 4x Change-over switches
- 8x Push switches
- 40x Bulbs (4.5V, 0.3A)
- 20x Bulb Holders
- 12x Carbon rods
- 8x Soft iron rods
- 4x Silicon diodes
- 50g 'Eureka' wire bare - 34swg
- 50m Copper wire bare - 20swg
- 50m Insulated copper wire
- 1x Pack of steel wool
- 4x Fixed resistors
- 4x Rheostat units
- 1x Copper foil sheet - 1 x 15cm
- 1x Teacher's book
- 2x Student books
- 2x Polystyrene storage trays



**NEW**

## Electricity Large Group Pack

Caters for 12-16 children.

DC51100 \$199.95

## Includes:

- 4 x Motor Medium Torque 4.5V
- 4 x D Batteries - Heavy Duty 2 pack
- 8 x Battery Holder 1D Leads
- 4 x LED Light 0.5cm Red
- 4 x LED Light 0.5cm Green
- 4 x LED Light 0.5cm Yellow
- 2 x Bulbs Screw-In 2.5V 10 piece
- 8 x Bulb Holder Fahnestock
- 4 x Electric Buzzer
- 2 x Lead Wires with Alligator Clips 10 piece
- 5 x Alligator Clips 2 piece
- 4 x Slide Switch
- 4 x Contact Switch
- 4 x Propeller Twin Blade
- 4 x Wooden Bases
- 1 x Wire Cable White
- 1 x Wire Stripper Automatic
- 1 x Screwdriver Flathead
- 1 x Screwdriver Phillips Head
- 1 x Paper Clips Medium 100 piece
- 1 x Split Pins 100 piece
- 1 x Thumb Tacks 100 piece
- 1 x Know How Switched on Exploring Electricity Book
- 2 x Storage Containers



## Economy Electricity Kit

A basic assortment of circuit components. Contents: 10x MES lamp holders, 10x MES bulbs, 1x 6V buzzer with connecting leads, 1x electric motor 3-6V, 5x DPDT slide switches, 1x 1.5V cell holder and 10x crocodile leads. Ages 6+ years

EIS1057 Kit \$46.95



Includes 20 lesson plans

156  
pieces**Learning Lab – Electricity & Circuit Kit**

Using Gigo's Learning Lab electrical building blocks, kids will learn about series and parallel connection, as well as simple circuit designs by assembling common devices from our daily lives, such as a traffic light, an alarm and a torch, developing knowledge of electricity in the process. The set includes 20 lesson plans, including 16 models and 4 creative works, a student workbook, and 3D Smart Manual to view the model on your tablet in 3D.

GG1236	20 Modules	\$149.95
GG1236K	Set of 4	\$557.95

SET OF 4  
**\$557<sup>95</sup>**  
SAVE \$41.85

**NEW****Electrical Circuits Learning Chart**

Electrical circuits made easy. Clearly illustrated, exploring all the various types of circuits. Includes facts and activities on the back. Suitable for Grade 4 to Year 8. 43 x 56cm.

TFC59051	\$14.95
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Over 180  
experiments**Click Electronics Explorers Kit**

Over 180 exciting experiments! This explorer's kit is designed to teach children about motors, switches, sound and light. Students learn about resistance, voltage, current and the relation between them, while doing exciting experiments. Simply snap the components together! Comes with an extensive guide full of experiments and step-by-step instructions. Ages 7+ years

NK1005	\$69.95
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Over 1200 experiments

**Click Electronics Extreme Kit**

Over 1200 exciting experiments! The extreme kit is specially designed to further challenge the students and build upon the skills already learnt and to increase knowledge of the principles of electronics in a fun way. Students can experiment by designing their own circuits and using real-life situations as inspiration. Find out about motors, switches, light, sound modules, MW radio, sensors, FM radio, resistance, capacitance, sound recording and more. Simply snap the components together! Comes with an extensive instruction guide. Ages 11+ years

NK1006	\$149.95
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**Magleads Primary Electricity Kit****NEW**

All connections are made using transparent wires to show the copper core. Bases are clear to show the path of electricity right to the component. Circuits are made using the superb 'Maglead' system where a tiny, yet powerful magnet at either end of the lead makes the electrical connection when placed near to the connector. Kit contains: six bases; 2 x MES bulbs and holders, 1 x festoon bulb, 1 x buzzer, 1 x push-to-make switch, and 1 x one motor, 10 x magleads, 2 x alligator clips, a length of resistance wire, 3 x battery connectors and teacher's notes. Requires 3 x C batteries (not included). Suitable for primary school use.



CT87210	\$129.95
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**FREE freight on all orders over \$99.** Conditions apply, see website for details.

## Electricity

**Bulbs Screw-In**

Screw base bulbs are perfect for all of your electricity experiments.

TFC51142-10K	1.5V – Set of 10	\$3.95
TFC51142-100K	1.5V – Set of 100	\$24.95
DC50143	2.5V – Set of 10	\$4.50
DC50163	2.5V – Set of 100	\$34.95
TFC51140-10K	6V – Set of 10	\$4.95
TFC51140-100K	6V – Set of 100	\$29.95

**NEW****Bulb Holders Economy**

Economical basic bulb holder.

DC51157-10K	Set of 10	\$3.50
DC51157-100K	Set of 100	\$29.95



BUY SET OF  
50 & SAVE  
**\$16<sup>05</sup>**

**Lamp Holder Set**

Suitable for use with small globes (both 1.5 and 2.5V).

NK20505	Set of 10	\$11.95
TFC51159	Set of 50	\$49.95

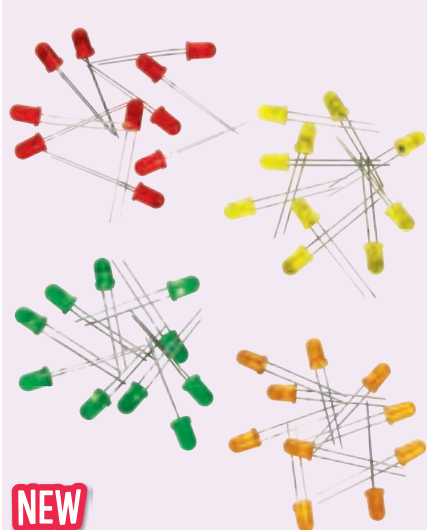
**NEW****Bulb Holders Fahnstock**

A durable plastic bulb holder with round base and Fahnstock terminals.

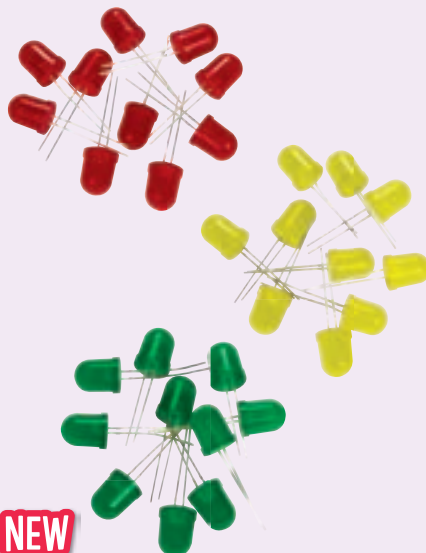
NK51158	Each	\$3.50
NK51158K	Set of 10	\$29.95

## LED Lights

LED lights for eye-catching displays. They are an alternative to bulbs and are useful for adding colour to models.

**NEW****LED Lights - 0.5cm**

EL0150-10	Red - Set of 10	\$4.00
EL0160-10	Yellow - Set of 10	\$4.00
EL0170-10	Green - Set of 10	\$4.00
EL0169-10	Orange - Set of 10	\$4.00

**NEW****LED Lights - 1cm**

EL0200-10	Red - Set of 10	\$4.95
EL0210-10	Yellow - Set of 10	\$4.95
EL0205-10	Green - Set of 10	\$4.95

**NEW****LED Lights - Flashing - 0.5cm**

EL0240-10	Red - Set of 10	\$6.95
EL0244-10	Yellow - Set of 10	\$6.95
EL0242-10	Green - Set of 10	\$6.95



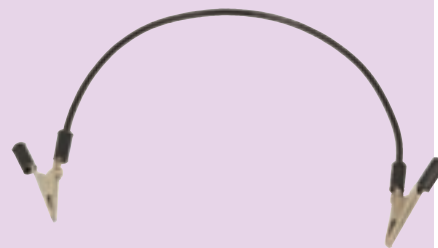
Set of  
50**Crocodile Clip Pack**

Used in school laboratories to quickly and cheaply assemble circuits. Connect various components to wires. Made from nickel plated steel. Each clip is 3.5cm and will accept a 4mm plug.

NK20510	Pack of 50	\$12.95
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**Connecting Leads with Crocodile Clip – Black**

These connecting leads are insulated with a crocodile clip on both ends, for 4mm plug. Available in 3 lengths.



EIS1053A	30cm long	\$2.95
EIS1053C	50cm long	\$3.50
EIS1053G	75cm long	\$3.95

**Connecting Cables – Black**

Used for the study of electrical circuits. EIS1055A and EIS1055C have 4mm plugs on both ends. EIS1055P has a 4mm stackable plug on both ends.

EIS1055P	15cm long	\$3.60
EIS1055A	30cm long	\$3.95
EIS1055C	50cm long	\$3.50

**NEW****Alligator Clips**

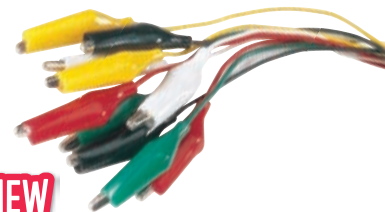
Ideal for making a good connection. Place them on wire leads and forget the messy ends and loose connections (red and black).

TFC50205	Set of 10	\$4.95
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**NEW****Lead Wires with Alligator Clips**

Ready made leads approximately 50cm long in assorted colours. Plastic coated to guard against shocks. The sharp pointed teeth attached to each clip ensures a good connection.

NK51171	Set of 10	\$7.50
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**NEW****Magleads**

Make working electrical circuits instantly with these ingenious leads fitted with a tiny powerful magnet at each end. The magnets protruding from the ends are 0.4cm in diameter. Leads can be joined together to extend their length with ease. Assorted colours. Available in 2 lengths - 15cm and 30cm.

SHW51181	15cm - Assorted - Set of 10	\$35.95
SHW50191	15cm - Black - Set of 10	\$35.95
SHW50197	15cm - Red - Set of 10	\$35.95
SHW51182	30cm - Assorted - Set of 10	\$39.95
SHW50180	30cm - Black - Set of 10	\$37.95
SHW50214	30cm - Red - Set of 10	\$37.95

**NEW****Motor Box**

Reliable electrical motors packaged with plastic spring clips in a box, perfect for all science experiments. Includes 20 x Medium Torque Motor 3V and 10 x Universal Mount Clips. Unbeatable value.

DC51167	\$57.95
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**NEW****Motor Medium Torque**

Reliable electrical motors. Ideal for all science experiments. Low voltage economy DC motor 3V and medium voltage torque DC motor 4.5V.

NK51160	Low Voltage - Each	\$1.95
NK51160-5K	Low Voltage - Set of 5	\$9.50
NK51160-10	Low Voltage - Set of 10	\$17.90
EIS1004MM	Medium Voltage - Each	\$2.95
EIS1004-5K	Medium Voltage - Set of 5	\$13.60
EIS1004-10K	Medium Voltage - Set of 10	\$26.00

**NEW****Motor High Torque**

Power-up those science experiments by demonstrating energy, force and motion. High-performance motors that are small and light. Contains fairly simple electronics and has modest power requirements. Choice of standard or heavy-duty voltage.

NK51162	3-6V - Each	\$3.20
NK51162K	3-6V - Set of 5	\$14.50
NK51163	6-12V - Each	\$3.50
NK51163K	6-12V - Set of 5	\$17.40



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



## Electricity



BUY PACK OF  
10 & SAVE  
**\$10<sup>50</sup>**

### Switch for Electric Circuit Experiment

Used for the study of electrical circuits.

EIS1003	Each	\$3.95
EIS1003K	Pack of 10	\$29.00



### Knife Switch

Used for the study of electrical circuits.

EIS1000A	Each	\$5.95
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**NEW**

### Contact Key Switch

Excellent for demonstrating morse code. This key switch is used to open and close an electrical circuit momentarily.

NK51194		\$9.95
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BUY PACK OF  
10 & SAVE  
**\$5<sup>10</sup>**

**NEW**

### Toggle Switch

A sturdy switch with on/off indicator label. Can be used unmounted or in simple circuits.

EL0572	Each	\$2.95
EL0572K	Set of 10	\$24.40



**NEW**

### Push Button Switch

Push-on, push-off switch.

EL1191	Each	\$1.95
EL1191K	Set of 10	\$17.90



**NEW**

### Contact Switch

This switch will make contact for as long as you push down on it.

EL0711	Each	\$1.95
EL0711K	Set of 10	\$18.70



**NEW**

### Slide Switch

Simple and effective, this slide switch base measures 2.2 x 1.3 x 0.8cm.

EL51197K	Set of 10	\$14.10
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**NEW**

### Miniature Slide Switch

A reliable switch with on/off positions. Switch base measures 1.5 x 0.8 x 0.8cm.

EL51196	Each	\$1.40
EL51196K	Set of 10	\$12.70



BUY PACK OF  
100 & SAVE  
**\$29<sup>55</sup>**

**NEW**

### Fahnstock Clip

2.5cm long, with hole for mounting. Perfect for making connections without screws or solder.

DC51192	Set of 10	\$7.95
NK50198	Set of 100	\$49.95





### Digital Volt Meter

Portable digital voltmeter with large LCD display of 3½ digits. Powered by 9 Volt battery, with an accuracy of +1 digit. DC voltage ranges: 0 - 199.9 mV - 200 mV, 0 - 1.99 V - 2V, 0 - 19.9 V - 20 V, 0 - 199.9 V - 200 V. DC current ranges: 0 - 199.9  $\mu$ A - 200  $\mu$ A, 0 - 1.99 mA - 2mA, 0 - 19.9 mA - 20 mA, 0 - 199.9 mA - 200 mA, 0 - 10 Amp.

EIS1102A

\$39.95



### Digital Ammeter

Portable digital ammeter with large LCD display of 3½ digits. Powered by 9 Volt battery, with an accuracy of +1 digit.

EIS1102B

\$39.95



### Digital Multimeter

3 1/2 Digits LCD with a max. reading of 1999. Audible continuity & diode test and auto power off, with low battery indication. Size: 19 x 8.9 x 3.5cm. For specifications visit our website.

NK0411

\$22.95



### Voltmeter

Analogue DC Voltmeter. Measuring range: 0-15V.

EIS1080A

\$18.95



### Ammeter

Analogue DC ammeter. Measuring range: 0-3A.

EIS1074

\$18.95



### Resistance Coils

Resistance coils for studying flow of electricity.

EIS1143A

1 ohm resistance

\$6.50

EIS1143C

5 ohm resistance

\$5.95

**NEW**

### Electric Buzzer

Loud noise buzzer comes complete with positive and negative wires attached. Input: 4-15VDC at 15mH. Output: 70dB. Unit measures 1.4cm(H), Base 3.3 x 1.5cm.



NK51165

Each

\$3.90

NK51165-10

Set of 10

\$35.95



### Buzzer

Mounted on base. A low current buzzer of 2mA approximate capacity.

EIS1056H

\$13.95



### Solar Energy Kit

Use knowledge of solar energy in a practical experiment with this kit. A solar panel housed in a plastic box, a low consumption motor with fan, a buzzer and an LED are all included for conducting a series of solar powered activities.

EIS1321

\$74.95



### Friction Rods - Ebonite - 30cm

These friction rods are used to study static and friction. Each rod measures 30cm in length and 12mm in diameter.

EIS0856A

\$4.95



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



## Electricity

**NEW****Digital Multimeter**

This is a full feature meter with plug-in 0.4cm probes and transistor tester. This is the ideal first multimeter which will give years of faithful service. Features 3.5 digit, 1.25cm high LCD display, transistor test, diode test and 10amp current plug-in leads.

EL1500

\$14.95

**NEW****Battery Charger**

An economical unit that can now charge NiMH batteries as well as NiCd batteries (even 9V NiMH). It has a discharge function for proper NiCd battery cycling and a battery tester for 1.2V and 1.5V batteries. Features: Recharges AAA, AA, C, D and 9V batteries. LED indicator on each charging section. Recharges batteries in singles or in groups. Includes battery tester for 1.2V to 1.5V cells. Accepts various combinations of batteries. Operates from 240V mains socket. Electricity Authority approved. NOTE: Will not discharge 9V batteries. Dimensions: 20 x 5 x 9.5cm.

EL3514

\$33.95

\$77.20  
**\$42.95**  
 SAVE \$34.25

**NEW****Electric Bell**

This electric bell is a mechanical bell that functions by means of an electromagnet. When an electric current is applied, it produces a repetitive bell sound.

NK51731

\$24.95

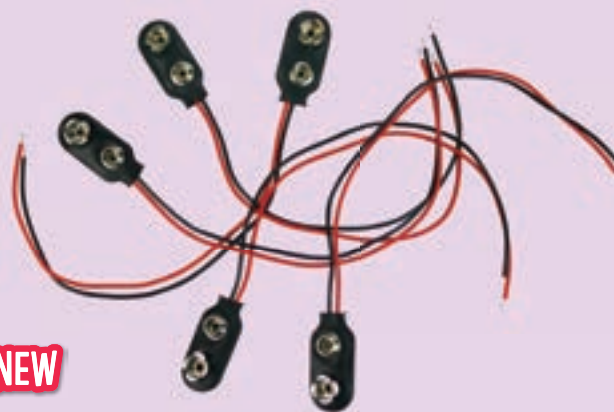
**NEW****Electric Bell Kit**

Set includes: 1 x Electric Bell, 1 x Battery 9V, 5 x Lead Wires with Alligator Clips and 1 x Knife Switch.

NK51731K

8 pieces

\$42.95

**NEW****Battery Snaps**

Snaps are used to connect battery holders to bulbs, motors and more.

DC51139	Each	\$1.95
DC51139-10K	Set of 5	\$6.95
DC51139-50K	Set of 50	\$29.95





**Batteries**

Quality batteries at exceptional prices.

DC5117	AAA Heavy Duty - Pack of 2	\$2.95
UB0118	AA Heavy Duty - Pack of 4	\$1.95
DC5111	AA Super Alkaline - Pack of 2	\$2.95
UB0157	C Heavy Duty - Pack of 2	\$2.10
DC5113	9 Volt Super Alkaline - Each	\$4.95
DC5116	6 Volt - Each	\$6.95
UB0222	Button Battery Assrtment - Pack of 8	\$2.60



**Cell Holders Stackable D-Size**

Designed to link together in parallel or series to extend capacity or voltage. Supplied individually. Multiples shown. Illustrated battery not included.

EIS0957A	Each	\$3.60
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**NEW**

**Rechargeable Batteries**

NiMH (Nickel-Metal Hydride) batteries can stand random charging. Completely discharge the battery every month of constant use. Replace batteries when the operating time has noticeably declined. To ensure a longer and more effective life for NiCd (Nickel Cadmium) batteries, refrain from 'topping up' your batteries (i.e. charging) before they have been fully discharged. It is advisable to run to full discharge every week.



DC51085	AAA NiMH - Pack of 2	\$12.95
EL2931	AA NiMH - Pack of 4	\$39.95
DC51087	C NiCd - Pack of 2	\$16.95
DC51088	D NiCd - Pack of 2	\$19.95
DC51089	9 Volt - Each	\$18.95




**Battery Holder - D-Size Battery**

Made of unbreakable plastic to hold D-sized batteries. The curved sides help prevent the battery from falling out when it is upside down. Battery is not included.

EIS0956D	Each	\$2.95
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## Battery Holders **NEW**

Ideal for the classroom. Battery holders allow children to attach wires to batteries without any fuss. They hold batteries in place while the children explore making circuits. Can be used with Lead Wires and Battery Snaps. (Batteries not included).



**Battery Holders - 2xAA**

NK50097	With Leads	\$0.75
DC50122	With Snaps	\$0.80



**Battery Holders - 1x C**

DC50095	With Leads	\$1.20
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**Battery Holders - 1x D**

DC50099	With Leads	\$1.50
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**Battery Holders - 4xAA**

NK50098	With Leads	\$1.10
DC50123	With Snaps	\$1.10



**Battery Holders - 2x C**

DC50096	With Leads	\$1.50
DC50121	With Snaps	\$1.95



**Battery Holders - 2x D**

DC50141	With Leads	\$1.40
DC50128	With Snaps	\$1.40



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

## Renewable Energy

Includes 20  
lesson plans

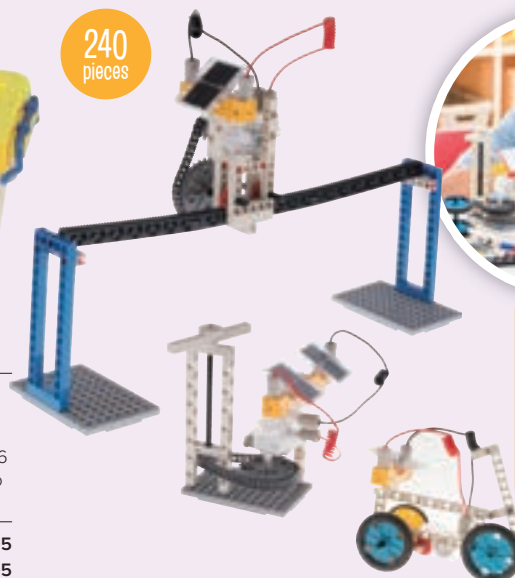


### Learning Lab – Light & Solar Energy Kit

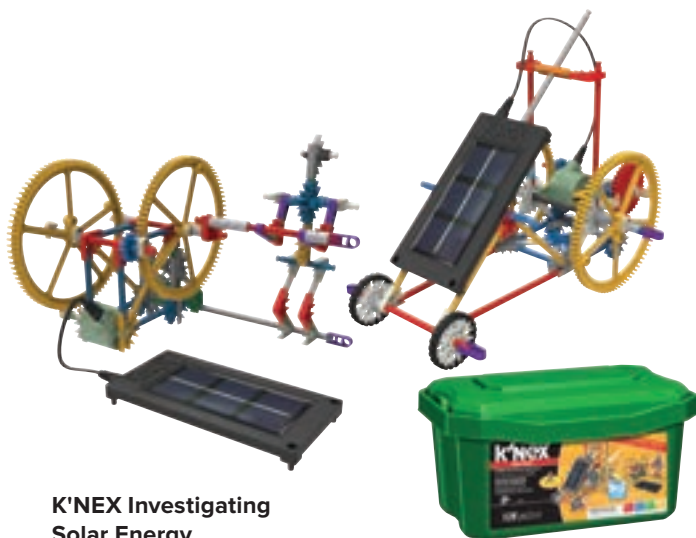
The included Gigo's solar panel not only can generate power, but also can store energy for future use too! Kids can see how convenient solar energy is through building models of a solar vehicle, a solar cable car, a solar recharging station, and more. The set includes 20 lesson plans, including 16 models and 4 creative works, a student workbook, and 3D Smart Manual to view the model on your tablet in 3D.

GG1240	20 Modules	\$149.95
GG1240K	Set of 4	\$568.95

240  
pieces



SET OF 4  
**\$568<sup>95</sup>**  
SAVE \$30.85



### K'NEX Investigating Solar Energy

This set allows students to harness the energy of the sun and convert it into electricity to power the K'NEX models. Build 3 solar powered models, one at a time. Suitable for 2-3 students working in small groups. Ages 9+ years.

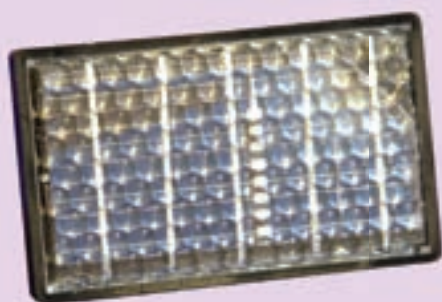
KN77075	192 pieces	\$126.95
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### K'NEX Exploring Wind & Water Energy

This set allows students to experiment with wind and water power. Students will investigate the science behind these energy sources and the technologies that make them useful. Build 7 models, one at a time. Suitable for 2-3 students working in small groups. Ages 9+ years.

KN77051	288 pieces	\$109.95
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**NEW**

### Mini Solar Pad

Solar cells encased in a durable, plastic case.  
7.5 x 4.5 x 0.5cm. 0.45V x 0.4 amp.

SE51212	\$12.95
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**NEW**

### Solar Hobby Cell

This cell has a tough weatherproof coating for premium protection. 1.5V output. Measures 12 x 6.2cm.

EL9012	\$20.95
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**NEW**

### Investigating Renewable Energy

Fun, hands-on blackline master activities and investigations to explore energy. Renewable energy explores the energy sources which have the potential to supply inexhaustible power without generating large amounts of pollution and waste which would allow us to reduce our dependence on fossil fuels. Ages 10+ years

RIC19247

\$35.95

### Educational Solar Energy Kit **NEW**

A series of do-it-yourself experiments to acquire the basic knowledge of solar energy. Supplied with a solar panel which incorporates 3 x 1.5V cells for series or parallel connection. The kit comes complete with; solar cell module with plastic stand, musical unit, plastic lamp, small DC motor with stand, wire with motor clips, 4 jumper wires, nuts and plastic spanner, colour spinner discs, paper aeroplane and bird models, plastic turntables with 4 sizes; 1.6, 2.5, 3.8 and 5cm, plastic fan spinner and a 14 page solar energy booklet explaining the why and how of solar energy.

EL6694

\$35.95

**NEW**

### 6 in 1 Solar Educational Robot Kit

This kit includes all the parts needed to construct up to six different projects. Choose between a robot, helicopter, plane, windmill, airboat or even a three wheeler! Don't worry about screws, everything snaps together for easy assembly and its all solar powered so no batteries are required. For the best results, use it in direct sunlight. For cloudy days use a 50W halogen light. Ages 10+ years

EL8936

\$17.95

**NEW**

### 6 in 1 Solar Educational Kit

You can build any one of six different projects from the parts in this kit and then make them work by solar power. No tools, soldering or glue required. All the parts snap together with spring terminals for the wiring. The instructions are excellent with extremely clear and concise illustrations detailing every step. The finished projects are solar powered, but can also be powered by the light from a household 50W halogen light. Projects include: Windmill, Car, Dog, Plane, Airboat.

EL8939

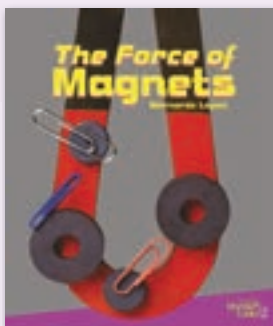
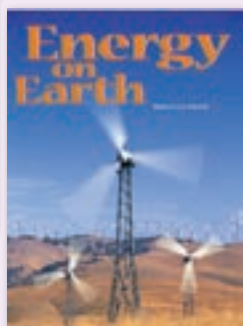
\$19.95



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



## Heat Conductivity



### Physics Big Books

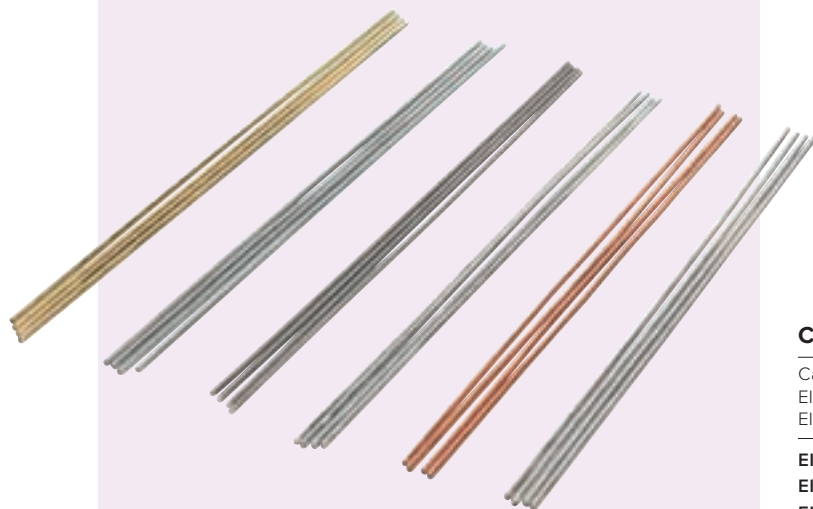
These science big books are a perfect way to introduce science subjects to young ones. Each book has beautifully illustrated images and photographs.

NW5820K

Set of 5 books

\$230.95

~~\$264.75~~  
**\$230<sup>95</sup>**  
 SAVE \$33.80



### Rods For Thermal Conductivity

An ideal resource to demonstrate thermal conductivity experiments. Consists of a set of 6 different metal rods. Each rod is 300mm long x 3mm dia. The metals provided to demonstrate thermal conductivity are iron, copper, aluminium, lead, brass and zinc. Multiples are shown.

EIS0397G

6 Rods

\$14.95



### Bimetallic Strip Demonstration

A bimetallic strip is used to convert a temperature change into mechanical displacement. This is a single piece non-jointed bimetallic strip, the metals (copper and steel) are distinct and visible. The two different metals expand at different rates when heated.

EIS0383

\$12.70



### Calorimeter

Calorimeter with parallel sides and rolled rim, without stirrer. EIS0438A and EIS0440A - calorimeter measures 75 x 50 mm diameter. EIS0438B and EIS0440B measure 100 x 75 mm diameter.

EIS0440A	Aluminium - 75 x 50 mm dia	\$4.95
EIS0440B	Aluminium - 100 x 75 mm dia	\$6.95
EIS0438A	Copper - 75 x 50 mm dia	\$8.95
EIS0438B	Copper - 100 x 75 mm dia	\$13.50

### Ring And Ball - Superior

An apparatus for demonstrating thermal expansion, comprising of a 3cm brass ball with ring, adjustably mounted on a heavy cast iron base. Total height is 28cm.

EIS0376A

\$46.95





**SUPER  
BUY**

~~\$290.35~~  
NOW ONLY  
**\$245.95**  
SAVE \$44.40

### A Push & A Pull Effect Kit

These items are moved by either a push or a pull – experience the difference! Contents may vary.

ESC002P

\$245.95



#### Kit includes

- Dancing Alligator
- Quack and Flap Push Along
- Push Along Duck
- Tug Boat
- Cork Stoppers – 10 pieces
- Super Spring
- Tennis Balls – 12 pieces
- Aeroplane
- Collision Balls
- Simple Machines Discovery Set – 63 pieces



#### Pulleys

Plastic 50mm diameter, mounted in metal frame with two hooks.

EIS0280K	Single, Double & Triple Sets	\$13.80
EIS0280A	Single	\$4.30
EIS0280B	Double	\$4.60
EIS0280C	Triple	\$5.40



**NEW**

#### Pulleys Metal

Tough, hard-wearing metal pulleys. Sold individually.

NK50930	Single	\$3.50
NK50931	Double	\$4.50
NK50932	Triple	\$5.50



**NEW**

#### Pulleys Coloured

Brightly coloured pulleys that will add fun and excitement to any mechanics experiment. Suitable for young children. Sold individually.

NK50936	Single	\$3.50
NK50937	Double	\$4.50
NK50938	Triple	\$5.50



**NEW**

#### Pulleys Tandem

Tandem pulleys are ideal for giving students a clear picture of mechanical advantage and velocity ratio in a pulley system. These pulleys feature free-running plastic sheaves, aluminum frames, and suspension hooks at both ends.

NK50943	Double	\$4.50
NK50944	Triple	\$5.50



**NEW**

#### Pulleys Bulk Pack

25 each of 2, 3 and 4cm diameter pulleys with 32mm bores and 25 x 1cm diameter pulley with a 2mm bore for motor shafts.

QE50030	100 pieces	\$69.95
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#### Pulleys in Motion Class Set

**NEW**

This versatile classroom pulley set is designed to teach the mechanical principles of pulleys to a whole class. The set contains 18 single sheave pulleys, 12 double sheave pulleys, 12 triple sheave pulleys, 6 spring scales (500g, 50N), a roll of twine, 20 pulley chain links, and the 'Pulleys in Motion' teacher's guide. This 32-page resource introduces students to fundamental pulley concepts and has reproducible student activity sheets and assessment ideas. The focus of the Pulleys in Motion Class Set is to provide hands-on activities that are easily understood, and provide and practical experience for the students.

QE37480

\$199.95



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

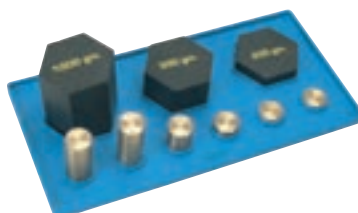


## Pulleys &amp; Weights

**Plastic Weights**

This set of 54 plastic weights consists of 20 x 1g, 20 x 5g, 10 x 10g and 4 x 20g. A total of 300g.

NK1109 Set of 54 \$12.95

**Weighing Set on Tray**

A combined set of accurate steel and brass weights that are housed in a sturdy blue mounted tray. Provides for weighing objects from 10g to 1990g in 10g increments. 3 steel weights and 6 brass weights. Contents: 1 of ETC: 1kg, 500g, 200g and 50g plus 2 of each: 100g and 10g.

EIS0039A-N8 Set of 9 \$62.95

**Iron Weight – Hexagonal with Ring**

Hexagonal iron masses with lifting ring. A set of 5 weights, including 50g, 100g, 200g, 500g and 1kg. Within international tolerance. The weights are also available individually.

EIS0268K Set of 5 \$42.95

**Metric Weight Set**

This set is perfect in combination with a balance scale, to accurately measure the mass of the object with an unknown mass. Put the object on one side of the scale and add or remove weights on the other side of the balance until it is even.

S331 10 pieces \$99.95

**Mass Hanger**

Use in combination with the slotted weights or pulleys, or experiment with Hooke's Law by adding them to springs.

EIS001MH \$7.95

**Slotted Weights**

A set of iron, nickel-plated weights for use in forces investigations. Contains 10 slotted weights, each 10g.

NK1118 Each \$13.95

**Pulley Bench Clamp Fitting**

Bench clamp 50mm diameter pulley with metal ball bearing carried on a two part aluminium frame. Overall length of the frame (pulley bar) is 110mm. Maximum clamp opening is 25mm.

EIS0296A \$19.95

**Large Pulley with Universal Clamp**

Comprises a 70mm diameter light alloy, with 2 clamping screws for bench and rod support. Clamped to bench up to 38mm thick, screwed to a flat surface or held on 13mm diameter support rod.

EIS0293 \$29.95

~~\$213.40~~  
**NOW ONLY**  
**\$99<sup>95</sup>**  
SAVE \$113.45

**SUPER BUY**

**NEW**

**Pulley Kit**

Excellent quality pulleys made from rigid plastic for durability. Includes 10 x single pulleys, 5 x double pulleys, 5 x triple pulleys, 10 x large hooks, a cotton twine roll (236m), 10 x 300ml bottles with cap and teacher's notes.

TFC50942 \$99.95

**NEW**

**Pulleys in Motion Book**

Well written resource manual contains background information and activities that will help you introduce your students to fundamental pulley concepts. 32 pages.

QE37470 \$24.95



**NEW****Spring Balances**

Fully encased in a plastic tube these extremely economical but yet accurate spring scales give a wide variety of weight experiences. Also shows newtons for investigations of force. Set of 6 (DC11730) includes one of each of the spring balances below.

DC11730	Set of 6	\$43.95
NK11707	250g - Blue	\$7.95
NK11708	500g - Green	\$7.95
NK11709	1kg - Beige	\$7.95
NK11706	2kg - Red	\$7.95
NK11710	3kg - White	\$7.95
NK11699	5kg - Yellow	\$7.95
4 or more - Each		\$6.95



~~\$206.55~~  
**\$166.95**  
 SAVE \$39.60

**Dynamometer  
Premium Stainless Steel**

These high resolution, stainless steel spring balances are classroom quality. Measuring range: from 10g to 10kg and from 0.1N to 100N.

EIS0036K	Set of 9	\$166.95
EIS0036A	10g/0.1N	\$22.95
EIS0036B	20g/0.2N	\$22.95
EIS0036C	100g/1N	\$22.95
EIS0036D	200g/2N	\$22.95
EIS0036E	500g/5N	\$22.95
EIS0036F	1kg/10N	\$22.95
EIS0036G	2kg/20N	\$22.95
EIS0036H	5kg/50N	\$22.95
EIS0036I	10kg/100N	\$22.95

**NEW****Small Springs**

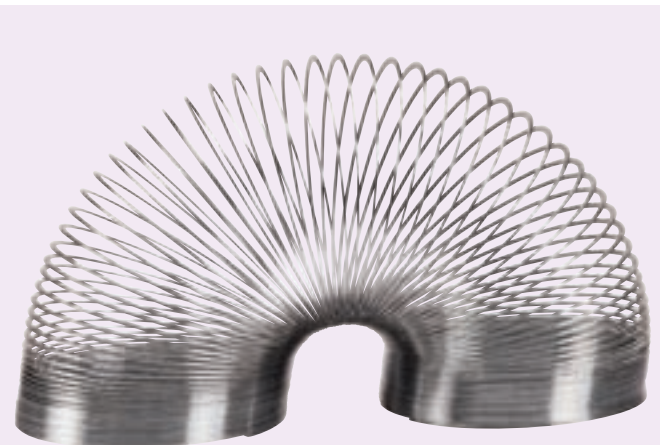
Springs 2.2 x 1.5cm, for demonstrating Hooke's Law, resolution of forces, kinetic energy measurement, etc. Will recover from stretch to approximately 40cm.

CT64429	Set of 25	\$16.95
DC51006	Set of 100	\$59.95

**NEW****Springs**

Diameter: Between 1 and 3cm approx. Flexible length between 10-20cm. With hooks on both side.

EIS0115A	Set of 6 Assorted sizes	\$12.95
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**Super Spring**

This metal super spring can 'walk' down steps or go from one hand to another in a fascinating motion. It is 6cm in diameter.

CUS0304		\$9.95
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**FREE freight on all orders over \$99.** Conditions apply, see website for details.



## Forces &amp; Motion

## Track &amp; Ramp &amp; Hall's Cars Kit

EIS0351K

Kit

\$289.95

This kit allows you to test multiple variables (i.e, angle of the ramp and weight applied to the Hall's Car) at once! The kit includes 2 track & ramps (EIS0355DYTR) and 2 sets of Hall's Cars - Set of 2 (EIS0351A)

Experiment with  
acceleration,  
gravity, friction,  
forces & motion



Includes  
manual

## 1. Dynamic Track, Stand &amp; Ramp

Find out how fast an object rolls off the ramp and experiment with different weights of the objects and height of the ramp. The track is 1.2m long x 30cm wide. The stand measures 65cm high. With run-off ramp to bridge the gap between track and floor when required.

EIS0355DYTR

Each

\$109.95

## 2. Hall's Cars Experiment

This Hall's Car Pair is the most important lab essential for dynamics experiments. This car is used in conjunction with the inclined plane or ramp, pulley and weights to study the relationship between work and energy. The car has low friction wheels on oil free sleeve bearings which never need adjustment. The durable plastic moulded body has a deep well for weights and low profile.

EIS0351A

Set of 2

\$37.95

TTS7018K  
**\$747<sup>95</sup>**  
SAVE \$211.75



## Slope Kit with Two Double-Sided Boards

This multiple surface ramp kit is a great classroom resource for science investigations on forces, motion and friction. The two double-sided ramps feature four different surfaces: plain wood, foam, carpet underlay and sandpaper. The stand enables the ramp to be adjusted to five different heights enabling pupils to change the angle of the slope. Robust and sturdy, the stand will not tip over and its compact design makes the ramp kit easy to store. Ramp sizes approx 70 x 18cm. Accessories not included.

TTS7018-K

Slope, Halls Cars &amp; Weights Kit

\$180.95

TTS7018

Slope Kit with 2 Double-Sided Boards

\$159.95

TTS7018K

Slope &amp; Ramp Kit w 4 surfaces - Set of 6

\$747.95



## Falling Bodies Apparatus

L-section launcher with holes for locating two 19(dia)mm steel balls included which act as projectiles. Launcher is released by push button and projects one ball forward while allowing the other to fall freely. Mounted on wooden block 180x60x30mm which may be clamped by bench.

EIS0318

\$34.95



## Dynamic Trolley Pair – Plastic

These carts have a single piece body. Mounted on a set of 3 low-friction nylon wheels providing a straight distance over long distances. Enables placing of additional masses. Lockable spring-loaded plunger.

EIS0351PL-N8

Pair

\$87.95



**NEW****Fountain Connection**

Explore the principals of gravity and air vacuums. With the help of two soft drink bottles, use the fountain connection to create a spectacular bubbling water fountain inside the bottle. Includes instructions.

NK50905

\$6.95



SET OF 10

**\$14.95**

SAVE \$15.05

**NEW****Tornado Kit**

With this simple device and two soft-drink bottles, your students can discover vortex action and its effect on air and water. A small rotation of the bottles creates a centrifugal force, which keeps liquid away from the exact centre of the tube.



DC50906

Each

\$3.00

DC50906K

Set of 10

\$14.95

**Hooke's Law Demonstration Model**

Experiment with the extension of a spring and the load applied to it. This complete model has a 15cm adjustable scale, to prevent parallax error, is marked in mm and mounted on a sturdy 30cm support rod and wooden base. A hook supporting a coiled spring with a mass hanger and indicator is attached to the rod. Supplied without weights.

EIS0323A

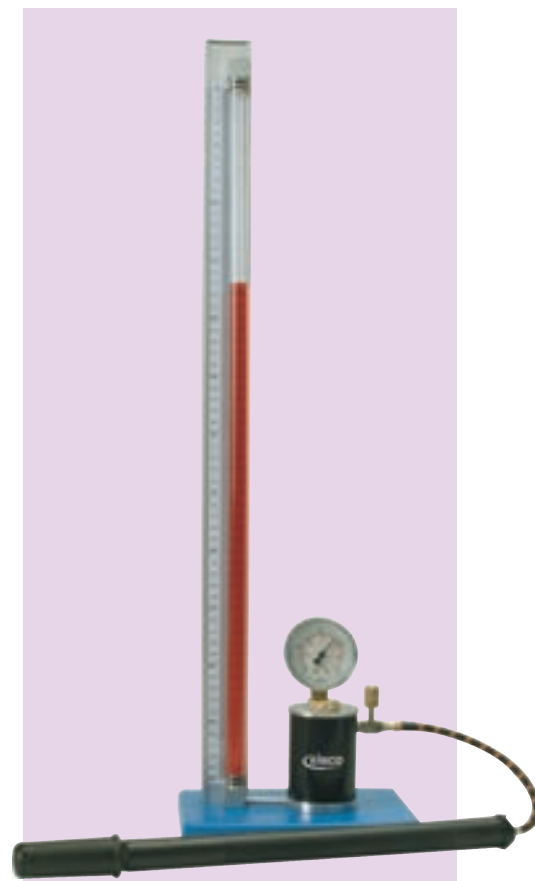
\$32.95

**Free Fall Model  
– Advanced Gravity Experiments**

This model is used to investigate the concept of gravity. The model comes with an electromagnet with mounting bracket, an L track attachment for a photogate system (not included), a ball catcher, steel ball, base and track and instructions. Students can investigate the acceleration of gravity in free fall. The use of a photogate system is recommended. Power supply required (not included). Illustrated photogate system not included.

EIS001FF

\$164.95

**Boyle's Law Demonstration Model**

This model demonstrates that the product of pressure and volume of a given mass of confined gas is constant, as long as the temperature is constant. Wide bore tube closed at the top is mounted on a scale 0 - 600 mm, with 0 corresponding to the inside of the top end. Air is trapped by coloured oil in a metal pressure chamber fitted with a Bourdon Gauge and a rifled inlet tube with stopcock. Supplied with oil and hand pump.

EIS0150A

\$284.95



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



**Gears Gears Gears Super Kit**

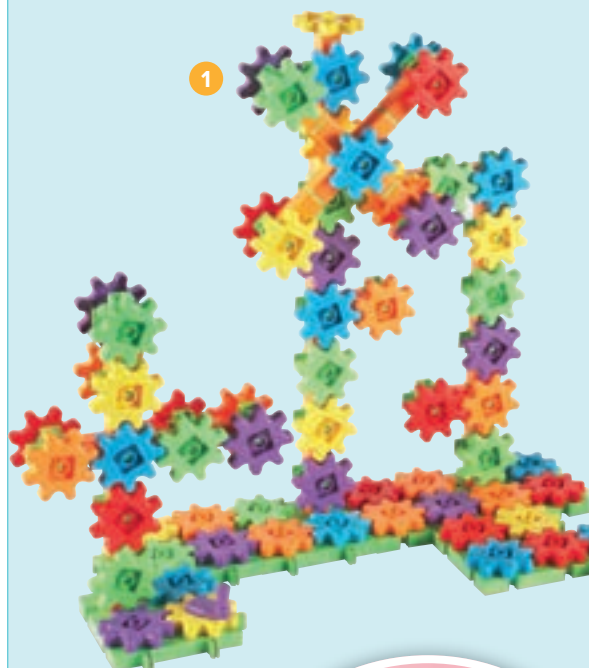
LER9214K

\$238.95

This kit includes 1x Gears Super Set (LER9164), 1x Gears Build & Bloom Flower (LER9214D) and 1x Moving Monkeys Building & Gears Set (LER9119).

**SUPER  
BUY**

~~\$278.85~~  
**NOW ONLY**  
**\$238<sup>95</sup>**  
 SAVE \$39.90

**1. Gears! Gears! Gears! Super Set**

This play set features 150 plastic meshing gears, connectors and interlocking bases that offer hundreds of 3-D construction possibilities. Packed in a giant storage tub with an activity guide. Ages 3+ years

LER9164      150 pieces      \$106.95

**2. Gears! Gears! Gears! Build & Bloom Flower**

Set of 116 includes: colourful gears, flowers, butterflies, bees, ladybugs, wiggly stems and more! Endless combinations and designs are possible! Ages 4+ years

LER9214D      116 pieces      \$84.95

**3. Moving Monkeys Building & Gears Set**

This colourful gears set is a jungle wonderland. The set includes gears, building plates, trees, vine and 6 monkeys, a total of 136 pieces. Come monkey around with this gears set!

LER9119      136 pieces      \$89.95



**NEW****Gears Book**

This educational book features essential lessons that actively engage young children in researching the various aspects of gears. Integrate mathematics, science and technology with the worksheets and assessment tasks provided. 49 pages. Ages 4+ years

DC58073

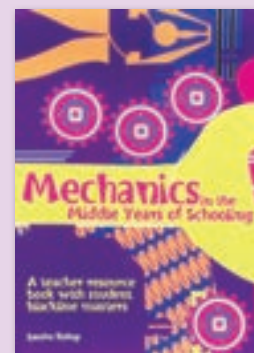
\$36.95

**NEW****Gear up for More Gears Book**

This book was written as a sequel to "Gears". It adds further investigation tasks requiring the students to revise basic skills and reinforce the notion of action/reaction force and movement. The key learning areas are Science, Technology and Mathematics. Final unit focuses more on integrating English into the unit of work. Ages 6+ years

DC58074

\$36.95

**NEW****Mechanics Book**

Explores various principles of mechanics. Includes worksheets, research tasks, answers, assessment records and more. 54 pages.

DC58076

\$36.95

**NEW****STEM Simple Machines Activity Set**

Discover amazing engineering wonders through scientific exploration with colourful, engaging tools and hands-on activities and experiments. Introduce and explore all 6 simple machines as you make amazing discoveries, design solutions for real-world problems, and conduct your own investigations. Includes a lever board, wedge, pulley with rope and hook, cart with 4 removable wheels, Archimedes screw, 4 barrel weights, and 10 double-sided activity cards to build early engineering and problem solving skills. Comprehensive activity guide with reproducible materials is also included. Largest piece (cart) measures 12.7 x 7.6cm.

LER2824

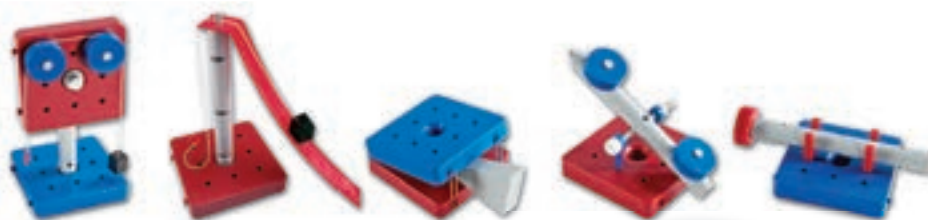
\$59.95

**NEW****Simple Machines Poster**

Displays the two main categories of simple machines; Levers and Inclined Plains. Develop an understanding of measurement, geometry, technological design, science and technology. Activities on the back. 43 x 55cm.

CD5866

\$7.95

**Simple Machines Discovery Set****YouTube**

Students can construct, examine and explain simple machines to develop a deeper understanding of how they make work easier. Contains enough pieces to build a lever, pulley, inclined plane, wheel and axle, and wedge—all at the same time. Modify machines with 4 included weights (two 5g and two 10 g) and 8 included rubber bands to explore effort, force, load, motion and distance. Set of 63 pieces includes Activity Guide.

LER2442

63 pieces

\$76.95



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



## Simple Machines

**Lakeshore**  
LEARNING MATERIALS

**Block Play Simple Machines Kit**

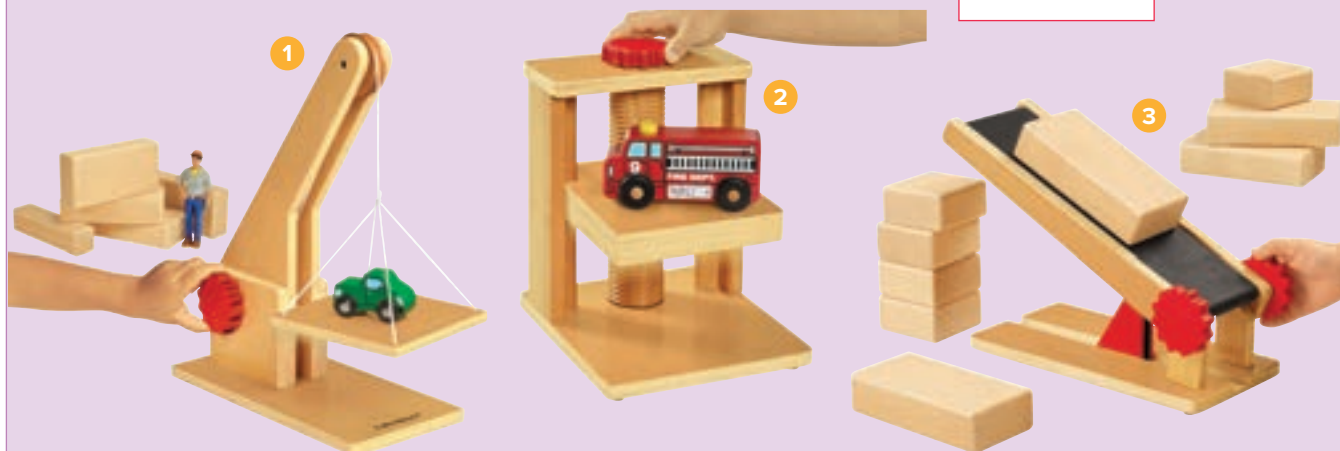
LS0200K

Set of 3

\$252.95

Students get hands-on experience with cause & effect as they raise and lower objects on an elevator, move blocks on a conveyor belt & more. Plus, they'll gain insight into how full-sized machines make big jobs easier. This kit includes one of each of the Conveyor Belt (LS0202), the Elevator (LS0203) and the Sky Crane (LS0204).

~~\$269.85~~  
**NOW ONLY**  
**\$252<sup>95</sup>**  
SAVE \$16.90


**1. Block Play Simple Machines - Sky Crane**

Students turn the crank to activate the pulley system and watch the platform move up and down. The sky crane measures 33cm tall. Accessories not included.

LS0204

\$99.95

**2. Block Play Simple Machines - Elevator**

Students see how simple machines make work easier with our real-working wooden replicas! The wooden platform moves up and down with a spin of the knob. The elevator measures 23cm tall. Accessories not included.

LS0203

\$89.95

**3. Block Play Simple Machines - Conveyor Belt**

Students move a wedge around to see if a change in angle makes work easier or more challenging! The conveyor belt measures 23cm long. Blocks not included.

LS0202

\$79.95

Includes 20 lesson plans

**Forces & Simple Machines**

Using Gigo's construction blocks, kids can build models of cranes and scales within the courses while they learn about the principles behind the movement of force, levers, inclined planes, axles and some other simple machines. The set includes 20 lesson plans, including 16 models and 4 creative works, a student workbook, and 3D Smart Manual to view the model on your tablet in 3D. Each lesson plan consists of an introduction with theory, building instructions, the experiment, improvements and evaluation.

GG1234

Each set

\$99.95

GG1234K

Set of 4

\$370.95



SET OF 4  
**\$370<sup>95</sup>**  
SAVE \$28.85

250 pieces

**Learning Lab – Motion & Mechanism**

Using Gigo's Learning Lab construction blocks as a foundation, kids can learn the designs of complex transport machines, and understand the movement and the function of different types of mechanical structures, including: gear racks, cams, and worm gears. It helps kids to develop the foundations of mechanical machine design. The set includes 20 lesson plans, including 16 models and 4 creative works, a student workbook, and 3D Smart Manual to view the model on your tablet in 3D. Each lesson plan consists of an introduction with theory, building instructions, the experiment, improvements and evaluation.

GG1235

Each set – 20 Modules

\$99.95

GG1235K

Set of 4

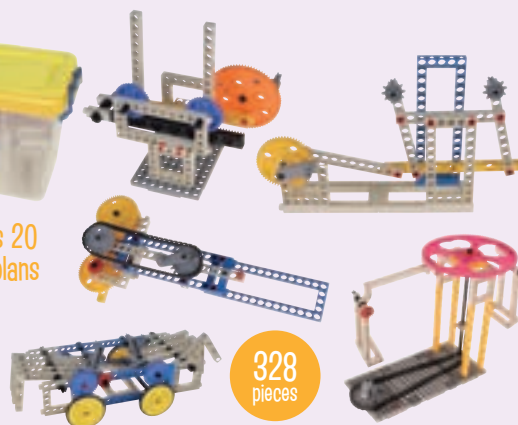
\$364.95



SET OF 4  
**\$364<sup>95</sup>**  
SAVE \$34.85

Includes 20 lesson plans

328 pieces





**Wooden Simple Machines Class Set**

EIS0019K

Set of 12

\$289.95

These wooden simple machines are a great resource to show your students how simple machines can provide mechanical advantage and change the magnitude and direction of a force. Each model has a sturdy construction, perfect for classroom use. The models come with detailed instructions and activities.

~~\$369.95~~  
**NOW ONLY**  
**\$289.95**  
 SAVE \$80.00

**1. Screw**

With large block on the head of the screw to give additional leverage. Size: 20 x 10 x 11cm.

EIS0020SM

\$32.95

**2. Wedge**

This model can be used to demonstrate how a wedge can increase mechanical advantage. Size: 35 x 9.5cm base with adjustable height.

EIS0014SM

\$25.95

**3. Inclined Plane**

With a shallow indent for adding additional mass if needed. With rubber wheels and grooves in the track of the inclined plane. Size: 42 x 8.2cm with an adjustable height.

EIS0010SM

\$27.50

**4. Fulcrum Balance**

Study how changing the distance from the fulcrum changes the mechanical advantage. Students can intuitively figure out the balance point for a given set of masses. Size: 22 x 5.5cm with a height of 13.3cm. The lever arm is 45cm long.

EIS0017SM

\$25.95

**5. Block & Tackle**

This model shows how the use of multiple pulleys can increase the mechanical advantage. Size: 17 x 12 x 22cm.

EIS0021SM

\$32.95

**6. Pulley**

This model shows mechanical advantage created by pulleys. Size: base 16.5 x 8.9cm and 41cm tall.

EIS0012SM

\$25.95

**7. Pendulum**

Study the relation between length of the pendulum and period of the bob. Size: base 8.9 x 16.5cm, 39.5cm with 30cm adjustable pendulum.

EIS0013SM

\$25.95

**8. Wheel & Axle**

This model can show how a crane works, as well as several other uses for a wheel and axle. Size: base 24 x 9.5cm. Stands 11.5cm high.

EIS0019SM

\$24.95

**9. Lever**

Study levers and mechanical advantage both qualitatively and quantitatively. Size: base 22 x 7cm, the lever arm is 19cm.

EIS0018SM

\$17.95

**10. Gear**

This model can demonstrate how gears can turn rotational motion into translational motion. The base is 40 x 6cm and the model is 15.2cm tall.

EIS0015SM

\$38.95

**11. Motion Converter**

Show your students how rotational motion can be converted into linear motion with this motion converter. The gears are 12cm in diameter and are mounted on a 38.5 x 6.8cm base. The model is 14.5cm tall.

EIS0016SM

\$38.95

**12. Gear Train**

This apparatus can model how gears work at a basic level to make work easier. The base is 16.5 x 8.9cm, 41cm tall.

EIS0011SM

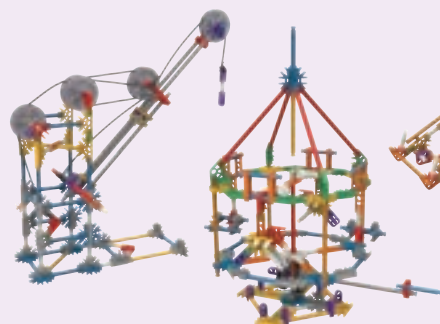
\$51.95



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



## Simple Machines



3447  
pieces

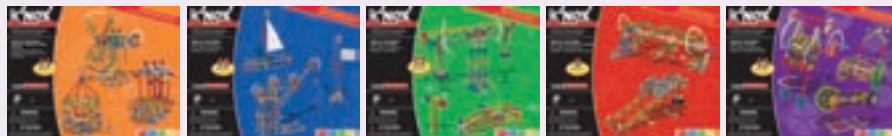
### K'NEX Simple Machines Deluxe

This set is designed to introduce students to the scientific concepts associated with simple machines: levers, pulleys, wheels and axles, inclined planes, including wedge and screw and gears. As students build and investigate, they are encouraged to discuss and evaluate the scientific principles in action. Build up to 60 models! Suitable for Years 3 to 8.

#### Key concepts

- Simple machines
- Energy transfer
- Effort and resistance forces
- Mechanical advantage
- Motion and forces

KN79520      3447 Pieces      \$495.95



### K'NEX Exploring Machines Set

Build 30 different models with this comprehensive 1432-piece simple machines set. The kit allows 4 groups to build a specific model simultaneously if required. The models demonstrate levers, pulley systems, wheels and axles, inclined planes, screws and wedges. Also focuses on spur, crown, sprocket, rack and pinion, transmission and differential gear systems. The 70-page teacher's guide contains both key facts and 14 inquiry-based lesson plans. Ages 8+ years

KN7860      1432 pieces      \$289.95



1432  
pieces



### K'NEX Introduction to Simple Machines

STEM Education focuses on science, technology, engineering and mathematics concepts taught through problem-solving, discovery, exploratory learning and critical thinking. These K'NEX models offer hands-on learning opportunities that supports these learning outcomes. The inquiry-based lessons challenge students as they build, investigate, problem solve, discuss, and evaluate scientific and design principles in action. Each set comes with teacher's guide. Find more information about each individual set on our website.

KN78610K	Kit of 3	\$209.95
KN78610	Levers & Pulleys - 178pc	\$72.95
KN78620	Wheels Axles & Inclined Planes - 221pc	\$72.95
KN78630	Gears - 198pc	\$72.95



KIT OF 3  
**\$209.95**  
SAVE \$8.90



Build over 15 machines  
at the same time

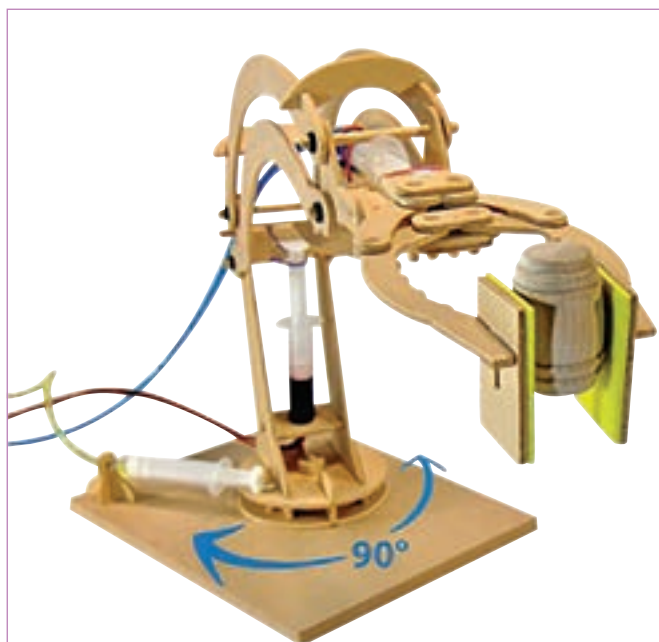


### Hydraulic Classroom Pack

This large hydraulic classroom pack ensures that you only need scissors, glue and cardboard to get the class inventing with parts for 30 students in pairs to build over 15 machines with an average of 4 pistons per machine.

SN6717

\$299.95



### Hydraulic Robotic Arm

This model uses a battery of independent hydraulic circuits to provide absolute control over the arm pincers: grip, lift, twist, lower and release. This set teaches the basics of hydraulics and robotics.

SN6710

\$49.95



### Hydraulic 4-in-1 Mini Machines

This set includes the four main hydraulic mini machines: the cherry picker, and excavator as well as the platform lifter and scissor lift. The cherry picker teaches the principles of linkages and includes a small platform for figurines that remains flat at any height. The excavator teaches the principles of levers and hydraulic power. The mechanism includes two hydraulic cylinders and can be adjusted to provide either digging or scooping actions.

SN6706

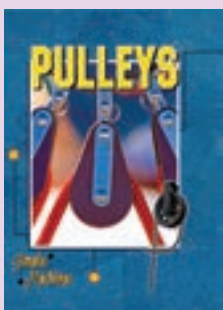
\$64.95

### How Can I Experiment With Simple Machines Books

Find out how simple machines work by exploring their functions and by experimenting with them! Each book measures 20 x 20cm and has 24 pages.

BUY SET OF 4  
& SAVE  
**\$1185**

RP5210K	Set of 4	\$59.95
RP5209	Levers	\$17.95
RP5216	Pulleys	\$17.95
RP5230	Wedges	\$17.95
RP5193	Inclined Planes	\$17.95



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



# Facilitate real-world STEM learning

## Simple & Powered Machines Curriculum Solution

**LEG9686 \$289.95**


This primary and high school level core set contains a brick assortment and full-colour building instruction booklets for 28 models.

Use this set with the accompanying curriculum pack to promote students' fundamental STEM understanding of simple machines, structures and mechanisms. The curriculum pack provides full lessons, extension activities and problem solving tasks, as well as teacher guides and student worksheets.

### Solution includes

- Simple & Powered Machines Core Set

- Introducing Simple & Powered Machines Activity Pack\*



- Advancing with Simple & Powered Machines Activity Pack\*



- Simple & Powered Machines maker activities



## A stimulating STEM solution

### What's included in the Curriculum Solution?

#### Core Set

Contains LEGO bricks and gears to create small models to build and explore real world mechanisms and energy concepts, motivating students STEM learning.



#### Curriculum content

The curriculum material is based on national curriculum standards and supports teachers with easy accessible activities to deliver highly engaging STEM learning.\*

#### Assessment tools

Assessment of learning is enabled through creative assessment, teachers checklists and student self assessment tools.\*

#### eLearning program

Step-by-step tutorials to help you get started.\*

#### Technical support

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

#### Community

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



### What can I add on?

#### Expansion sets

Two add-on packs are available, each with curriculum pack included. These are the Renewable Energy Add-on and the Pneumatics Add-on.

#### Training and professional development

Check our Professional Learning calendar on [teaching.com.au](http://teaching.com.au) to find training near you.

#### Complementary products

Technology components are also available as separate products.

#### Replacement Packs

Replacement bricks are available.

\*Available for free download from [LEGOeducation.com.au/downloads](http://LEGOeducation.com.au/downloads)



# Classroom Solutions

## Simple & Powered Machines Curriculum Solution Packs

Simple & Powered Machines Curriculum Solution  
LEG9686



Track, Ramp & Stand  
EIS0355DYTR

exclusive 3rd party product



MTA Storage System Double  
SUN8327

exclusive 3rd party product



MTA Storage System Triple  
SUN8337

exclusive 3rd party product



LEG9686-3N 6 students	<b>\$849.95</b> SAVE \$19.90	3			
LEG9686-6N 12 students	<b>\$1,669.95</b> SAVE \$69.75	6			
LEG9686-6ST 12 students	<b>\$1,859.95</b> SAVE \$119.60	6		1	
LEG9686-8N 16 students	<b>\$2,129.95</b> SAVE \$189.65	8			
LEG9686-8ST 16 students	<b>\$2,399.95</b> SAVE \$229.45	8			1
LEG9686-12N 24 students	<b>\$3,199.95</b> SAVE \$279.45	12			
LEG9686-12ST 24 students	<b>\$3,599.95</b> SAVE \$359.15	12		2	
LEG9686-12NS 24 students	<b>\$3,625.95</b> SAVE \$443.10	12	1	2	
LEG9686-15N 30 students	<b>\$3,919.95</b> SAVE \$429.30	15			
LEG9686-15ST 30 students	<b>\$4,495.95</b> SAVE \$472.90	15			2
LEG9686-15NS 30 students	<b>\$4,497.95</b> SAVE \$690.80	15	2		2



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

# Discover how the real world works with great hands-on learning

## Simple Machines Curriculum Solution

**LEG9689 \$104.95**


This set features a brick assortment that includes gears, wheels and axles, levers and pulleys.

Use this set with the accompanying curriculum pack to engage students in investigating and understanding the operation of simple and compound machines found in everyday life. The support materials provided in this curriculum pack include teacher guides and student worksheets.

### Solution includes

• Simple Machines Core Set

1

• Simple Machines Activity Pack\*



• Simple Machines Maker Activities



## The Simple Machines Solution

### What's included in the Curriculum Solution?

#### Core Set

Carefully selected LEGO® bricks support students motivation to develop basic STEM capabilities, through building and investigation of real life machines and mechanisms models.



#### Curriculum content

Built on national standards and developed by teachers. Lesson materials inspire and support educators and students to develop the foundation of STEM capabilities.\*

#### Assessment tools

Assessment of students' learning is enabled through rubrics, observation checklists, and student self-assessment tools.\*

#### eLearning program

Step-by-step tutorials to help you get started.\*

#### Technical support

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

#### Community

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



### What can I add on?

#### Training and professional development

Check our Professional Learning calendar on [teaching.com.au](http://teaching.com.au) to find training near you.

#### Replacement Packs

Replacement bricks are available. Please see page 39 for more information.

\*Available for free download from [LEGOeducation.com.au/downloads](http://LEGOeducation.com.au/downloads)

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# Included with each purchase of the Simple Machines curriculum solution

**Included**



## Simple Machines Activity Pack

20 45-90 www

The activity pack for Simple Machines features 16 principle activities, 4 main activities and 4 problem-solving activities. Enables students to recognise simple machines in everyday use, to understand the principles behind them, and to become familiar with the vocabulary relevant for the simple machine in focus: gears, wheels and axles, levers or pulleys. Includes a comprehensive teacher's guide. This activity pack is included with LEG9689 Simple Machines Curriculum Solution.

## Key Learning Values

- Observing and investigating simple machines: gears, wheels and axles, levers, and pulleys
- Developing scientific inquiry skills
- Following a design brief as part of the engineering design process
- Learning and applying relevant vocabulary for simple machines
- Fair testing, predicting and measuring, collecting data, and describing outcomes

## Simple Machines Maker Activities

8 90-120 www

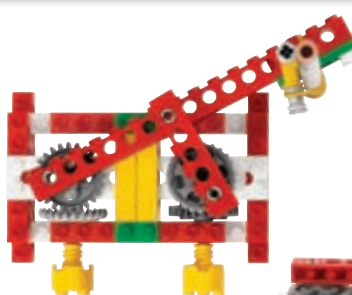
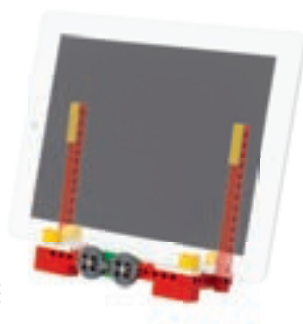
This curriculum pack introduces primary students to the hands-on, creative freedom of Maker. Using open-ended, problem-based design brief challenges that reflect real-life scenarios, teachers can gain the creative confidence they need to help their students think up ideas, tinker with prototypes, and build and develop solutions using the LEGO Education Simple Machines set and other materials from around the classroom. In a safe, supportive and inspiring learning environment, students document and reflect on their work using the included worksheets, which can also be used for teacher assessment.



## Key learning values

**Included**

- Define a clear design need
- Develop the ability to iterate and improve design solutions
- Develop problem solving and communication skills



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## LEGO® Education Machines &amp; Mechanisms



## Classroom Solutions

## Simple Machines Curriculum Solution Packs

Simple Machines Curriculum Solution  
LEG9689Power Functions Battery Box  
LEG8881Power Functions M-Motor  
LEG8883MTA Storage System Single  
SUN8317

exclusive 3rd party product



LEG9689-4N 8 students	<b>\$408.95</b> SAVE \$14.85	4			
LEG9689-4NM 8 students	<b>\$599.95</b> SAVE \$23.45	4	4	4	
LEG9689-8N 16 students	<b>\$794.95</b> SAVE \$52.65	8			
LEG9689-8NM 16 students	<b>\$1,119.95</b> SAVE \$126.85	8	8	8	
LEG9689-8NS 16 students	<b>\$1,219.95</b> SAVE \$186.75	8	8	8	1
LEG9689-12N 24 students	<b>\$1,149.95</b> SAVE \$121.45	12			
LEG9689-12NM 24 students	<b>\$1,649.95</b> SAVE \$220.25	12	12	12	
LEG9689-12NS 24 students	<b>\$1,749.95</b> SAVE \$280.15	12	12	12	1



## Power Functions Battery Box

LEG8881 \$24.95



Give even more power and movement to your models with an extra battery box to supply power to your Power Functions motors! Each battery box can power 2 XL-Motors or 4 M-Motors at the same time. Requires 6 AA (1.5V) batteries, not included.



## Power Functions M-Motor

LEG8883 \$24.95



Build an extra medium-strength, medium-sized M-Motor into your LEGO® creations and watch things start moving.



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## SAM Labs | Year 3–8

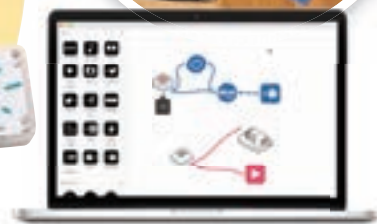
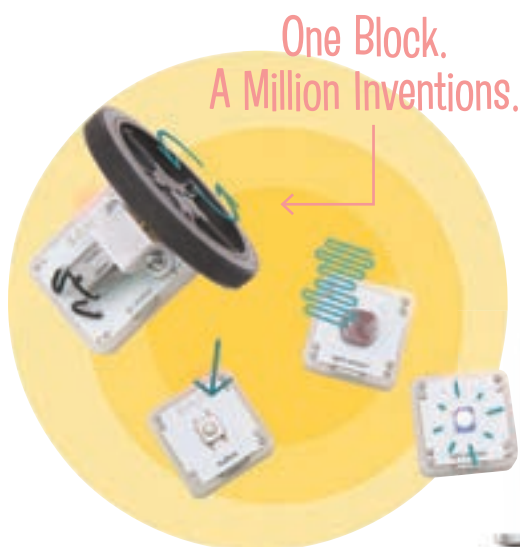
SAM Labs makes smart construction kits of clever little blocks and a fun app that give everyone the power of technology to build inventions. SAM Labs is a combination of hardware blocks and software blocks, and offers students the ability to build and program their own inventions while learning the key aspects of STEAM. Simply download the app, connect your hardware blocks with the SAM Space app, and make connections between the blocks in the app. It's that simple!

**Programming Language/Software:** The SAM Space app, JavaScript block included  
**Compatibility:** iOS 8 (Beta ), OS 10.9+, Windows 8.1+, internet connected. Blocks link wirelessly via Bluetooth

Age Group  
Year 3–8

### Why SAM Labs?

- Bring STEAM into the classroom with endless possibilities, combinations and inventions
- Wireless blocks means no wires, easy building and more freedom to create and invent
- Use the SAM Space app to add custom features to your projects, to control your computer with SAM blocks, or connect to other external platforms
- Get access to a wealth of DIY projects, games, gadgets, tutorials and much more
- LEGO compatible to extend your models



### Wireless Hardware Blocks

SAM Labs consists of wireless blocks with different functions (input such as sliders, buttons, temperature sensors, or output, such as a buzzer, DC Motor, or Servo motor), which are combined with each other and with over 40 software blocks, found in the SAM Space Education app.

### Software Blocks

With the 40+ software blocks, you can customise the behaviour of the hardware blocks - for example change the colour of the light, or create a melody for a buzzer.



**NEW** exclusive

#### SAM's Curious Cars Kit

Discover logic gates, choose the speed, control mechanism, direction and more with the SAM's Curious Cars kit. Program your SAM racer to roll any way you wish using the SAM Space app.

- 6 rechargeable wireless SAM hardware Blocks
- 1 Car body and controller
- 5 Car designs
- LEGO brick connector for easy integration

SL002

\$299.95



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





**NEW exclusive**

### SAM's STEAM Kit

The SAM's STEAM kit is the ultimate classroom solution to invent, create and be creative with STEAM, while learning about coding.

Included:

- 17 rechargeable wireless SAM hardware blocks with additional accessories
- 40+ SAM software blocks
- SAM Space app tailored for educators
- Easy integration with LEGO®
- Curriculum-based STEAM projects on data capture, programming logic & so much more
- Hands-on educator support

**SL001 \$799.95**



**NEW exclusive**

### SAM's Inventor Kit

With 4 wireless SAM Blocks and 5 step-by-step projects you'll master Morse code, make electronic music, protect possessions with an alarm, bring sound to your sketches, and find your groove with a mini-drum machine. Includes 4 rechargeable SAM blocks.

**SL003**

**\$229.95**



**Activity Set Kit**

LER2827K Set of 3 \$164.95

5+ yrs

Set includes one of each - STEM Forces &amp; Motion (LER2822), STEM Simple Machines (LER2824) and STEM Sink &amp; Float (LER2827).

~~\$179.85~~  
**NOW ONLY**  
**\$164<sup>95</sup>**  
 SAVE \$14.90

**STEM Forces & Motion Activity Set**

Learn all about physics in a fun, colourful way. Pieces include a pendulum with frame, trellis (23cm high), 2 roadway tracks (30cm long), 2 cars (7cm long), weights, 10 activity cards that cover all aspects of STEM, plus key science concepts of gravity, inertia, friction, push/pull and more! Includes additional teacher material.

LER2822 20 activities \$59.95

5+ yrs

**STEM Simple Machines Activity Set**

Introduces children to all 6 simple machines: pulley, lever, wheel & axle, inclined plane, screw, and wedge. Includes 10 activity cards covering all aspects of STEM and a comprehensive teacher guide. Set includes 20 engaging activities.

LER2824 20 activities \$59.95

5+ yrs

**STEM Sink & Float Activity Set**

Bring investigations about sinking and floating to life! Includes two-piece submarine, 10 colourful weights, 2 stars, a raft, and 10 activity cards with 20 activities to cover topics like buoyancy, gravity, density, and more! Comes with detailed teacher material. Submarine measures 15 x 9cm.

LER2827 20 activities \$59.95

5+ yrs

**STEM Engineering & Design**

Get early STEM skills in full swing! Set includes plastic pieces to build and design a playground. Make a slide, swingset, see-saw and more! Additional pieces help add the "A" (Art) to STEM (STEAM). For a full list of pieces included in this set, please refer to our website.

LER2842

\$44.95

5+ yrs

**Youtopia - STEAM Diorama**

This open-ended kit takes the traditional 3 dimensional features of a diorama and mixes it with mechanics. Science and art come together so you can create a model that moves. The basic body of the diorama is assembled from pre-cut wooden pieces and the background (elevated) and foreground (ground) panels are fixed. A crank handle at the front controls a small front panel that moves vertically and a middle arm and rear arm that move independently in a horizontal arc. Card stock is supplied to be decorated and slotted or glued onto the moving parts and panels can be changed as required to create new scenes. Instructions include helpful hints for decoration and the packaging includes images of completed designs for visualisation. Ages 8+ years

SN6724

Kit

\$27.95

**Design & Play STEAM Kit**

Our craft kits let children create and customise real-working cars, boats and planes for a fun-filled introduction to early STEAM concepts! Ideal for integrating STEM with arts & crafts, each kit includes enough materials for 10 kids to engineer their own vehicle. Children just use the precut pieces to build each one, and customise it with their craft materials (not included). Then put it into action! As students test their creations, they'll explore ways to fine-tune each vehicle until they have a car that races, a boat that sails and a plane that soars! Available in a set of 3 (LS57K), or individually. Each set is supplied with a teacher's guide & the materials needed to create 10 working vehicles.

LS570K	Kit	\$152.95
LS571	Cars	\$62.95
LS572	Boats	\$49.95
LS573	Planes	\$49.95



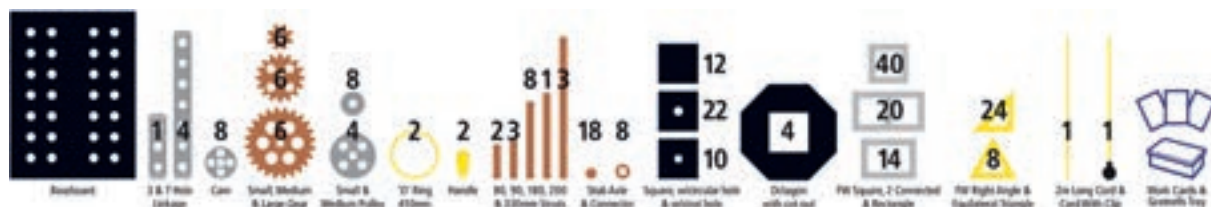
Each set includes  
 10 vehicles!

KIT OF 3  
**\$152<sup>95</sup>**  
 SAVE \$9.90



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





# Working V8 model with cam, cylinders & valves

250  
pieces



## Polydron Engineer Class Set

A unique product that demonstrates engineering principles and simple machines, with clear links between maths and engineering. All polydron solids and frameworks pieces can be used with this set. A total of 250 pieces, including complete lesson plans, and supplied in a plastic container. Ages 9+ years

ZZ9060	250 pieces	\$299.95
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**NEW**

## Gyro Robots

The Gyro Robots is an example of how science can become fun and engaging. This kit allows you to build 6 different models that allow you to explore how Gyros are used daily in everyday life. Requires 3 x AAA batteries (not included). Ages 7+ years

GG7396	102 pieces	\$39.95
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~~\$585.50~~  
**\$499<sup>95</sup>**  
SAVE \$85.55

x2

**NEW** **LEGO education**  3rd party product

**LEGO® Education STEM Construction & Vehicles Kit**

Kit includes 2 x Creative Brick Sets (LEG5020), 2 x Wheels Sets (LEG9387), 2 x containers (LEG9840-SB), Blue (ZU8303-DB), Red (ZU8303-R), Green (ZU8303-DG) and Black Tape (ZU8303-BK). Contents may vary. Ages 4+ years

LEG5020K	2576 pieces	\$499.95
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~~\$849.85~~  
**\$799<sup>95</sup>**  
SAVE \$49.90

**NEW** **LEGO education** 

**Tech Machines STEM Kit**

Includes 2 x Tech Machines (LEG5002) and 1 x Creative Brick Set (LEG5020). Ages 4+ years

LEG5002K	1190 pieces	\$799.95
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~~\$634.85~~  
**\$599<sup>95</sup>**  
SAVE \$34.90

**MAGNETIC POLYDRON** 

**Magnetic Polydron - STEM & Exploration Set**

Sets include a variety of different pieces and includes insert panels. Contents may vary. Compatible with all Magnetic Polydron sets except Mega Mag. Ages 3+ years

ZZ1120	272 pieces	\$599.95
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~~\$399.90~~  
**\$299<sup>95</sup>**  
SAVE \$99.95

x2

**POLYDRON**

**Polydron STEM Construction Kit**

Kit includes 2 x Polydron Mighty Tubs (ZZ5005). Contents may vary. Ages 5+ years

ZZ5005K	446 pieces	\$299.95
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~~\$505.55~~  
**\$399<sup>95</sup>**  
SAVE \$105.60

**NEW** **mobilo** 

**Mobilo STEM Construction Kit**

Kit includes 3 x Basic Sets (ML302), 2 x Wheel Sets (ML019), 3 x Geometric Pieces (ML112) and 1 x container (K28L). Contents may vary. Ages 3+ years

ML302K	534 pieces	\$399.95
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**Junior Engineer Building Set**

Perfect for early STEM, this set includes tools, nuts, bolts, nails, connectors and wheels. Use the tools to explore simple machines and creative construction. Suitable for a variety of ages and skill levels. Supplied in a plastic container. Ages 2+ years

GG8036	160 pieces	\$116.95
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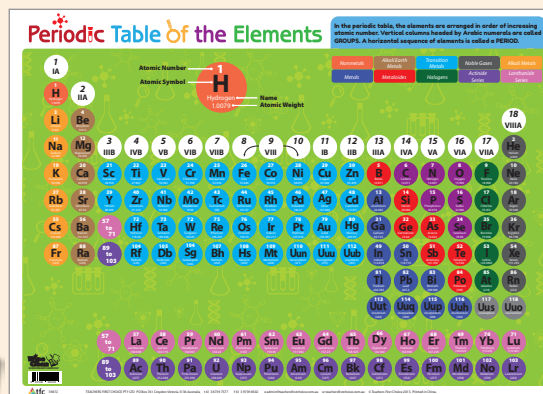
**NEW**

## Chemistry Poster

Develop an understanding of physical and life science, properties and changes of properties of matter and transfer of energies with this eye-catching poster. Easy to understand and clearly labelled. Informative resource guide on back of poster. Well illustrated and colourful chart. 43 x 55cm.

CD5862

**\$7.95**



**NEW**

## Periodic Table of the Elements Chart

An up-to-date periodic table with detailed but easy to understand information. The elements are arranged in order of increasing atomic weight. Clearly labelled. Write on/wipe off. 49.5 x 69.5cm.

TFC59072

**\$6.95**



## Double-sided

## Periodic Table Chart – Double Sided

This periodic table chart is double-sided and will be a great resource for any classroom! One side is illustrated with excellent images of where these elements are found in daily use, while the reverse has no images. Easy to understand colour reference and legends.

EC453

**\$9.95**



## Stick to Science - Magnetic Periodic Table Investigation

This set includes the first 20 elements of the Periodic Table to illustrate the core concepts of atomic theory. This selection of magnetic element cards designed to minimise the extra information while focusing on essential points. Includes 42 elements cards: Elements 1-20, blank cards, Hydride (H-), 3 Ma Isotopes, Au and Pb. Includes Teacher's notes.

QE50200

**\$48.95**

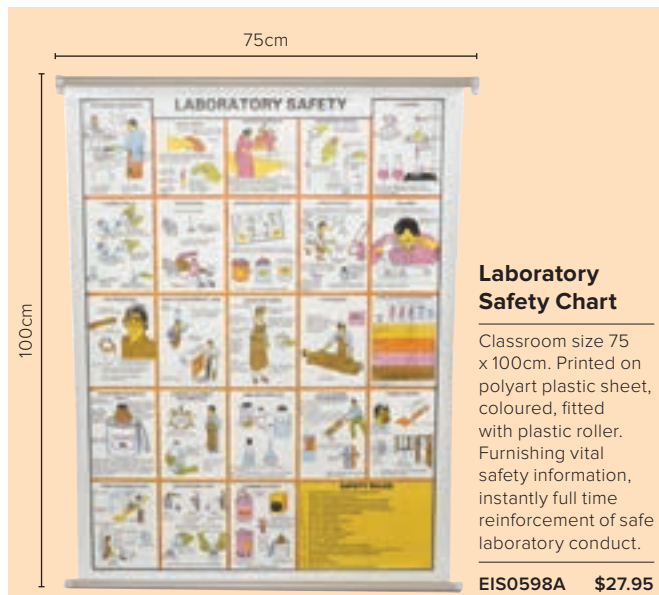


## Periodic Table of Elements Chart

This periodic table of elements chart measures 75x100cm. The chart shows the 112 elements with a picture of the element used in an everyday object. The chart is printed on polyart plastic sheet, fitted with a plastic roller.

EIS0597A

**\$21.95**



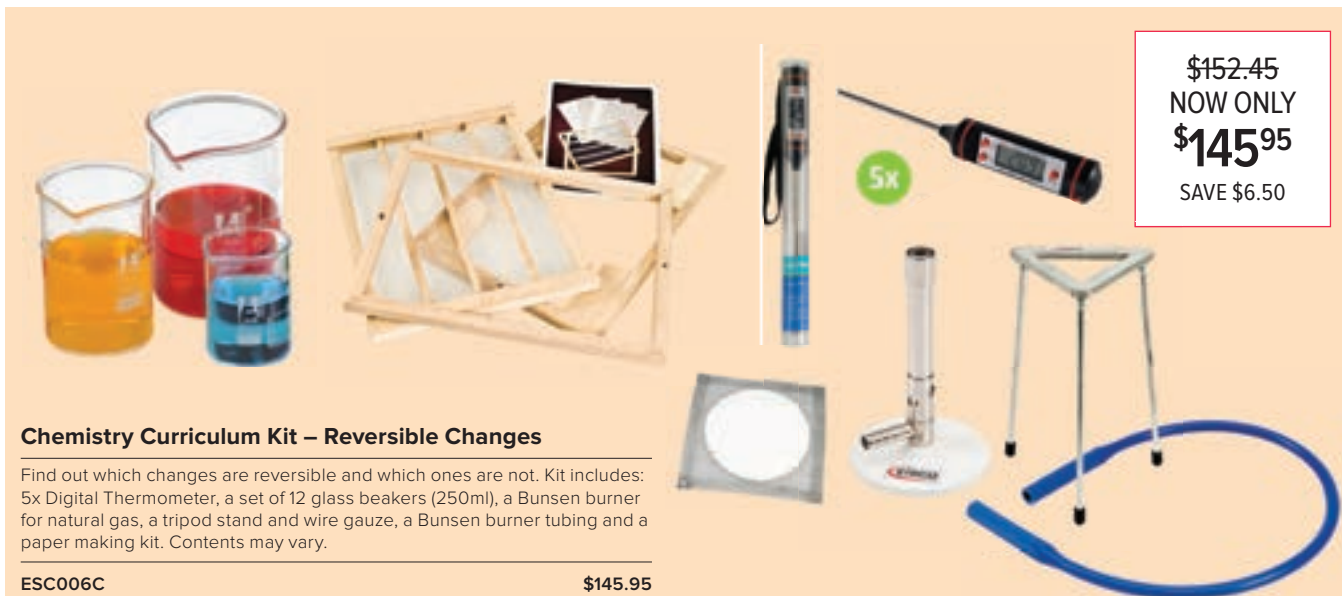
## Laboratory Safety Chart

Classroom size 75 x 100cm. Printed on polyart plastic sheet, coloured, fitted with plastic roller. Furnishing vital safety information, instantly full time reinforcement of safe laboratory conduct.

EIS0598A

\$27.95





**Chemistry Curriculum Kit – Reversible Changes**

Find out which changes are reversible and which ones are not. Kit includes: 5x Digital Thermometer, a set of 12 glass beakers (250ml), a Bunsen burner for natural gas, a tripod stand and wire gauze, a Bunsen burner tubing and a paper making kit. Contents may vary.

ESC006C \$145.95

~~\$152.45~~  
**NOW ONLY**  
**\$145<sup>95</sup>**  
 SAVE \$6.50



**Chemistry Big Books**

These science big books are a perfect way to introduce science subjects to young ones. Each book has beautifully illustrated images and photographs.

NW7823	Sink or Float?	\$49.95
NW7910	The World of Matter	\$49.95
NW5816	Properties of Materials	\$49.95
NW3570	How Can You Tell?	\$49.95



**pH Paper**

Measures acidity and alkalinity of chemical solutions.

NK50851 \$4.50



**BUY KIT & SAVE 95c**

**Litmus Paper Strips**

Use the red Litmus paper for experiments with acidic conditions (pH<7) and blue for alkaline conditions (pH>7). Available in a box of 100 strips (blue or red). The kit includes one of each.

EIS0236K	Kit - One of each	\$6.95
EIS0623A	Red - Box of 100	\$3.95
EIS0623B	Blue - Box of 100	\$3.95



**Chromatography Paper – 10 x 30cm**

Paper chromatography is an analytic method technique to identify and separate mixtures. A liquid mixture travels through the chromatography paper, each compound at a different speed. This makes it possible to identify the compounds in the mixture. Size of paper chromatography sheets is 10cm x 30cm supplied in a quantity of 100 sheets.

EIS0395A	Pack of 100	\$59.95
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**FREE freight on all orders over \$99.** Conditions apply, see website for details.

## Materials

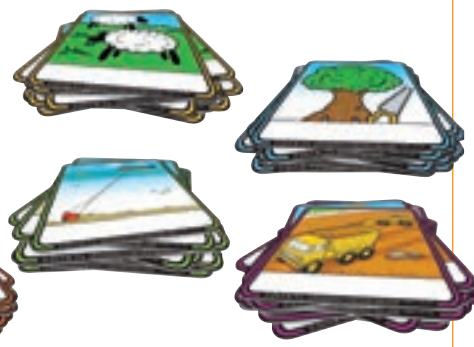


## Full Cycle Cards

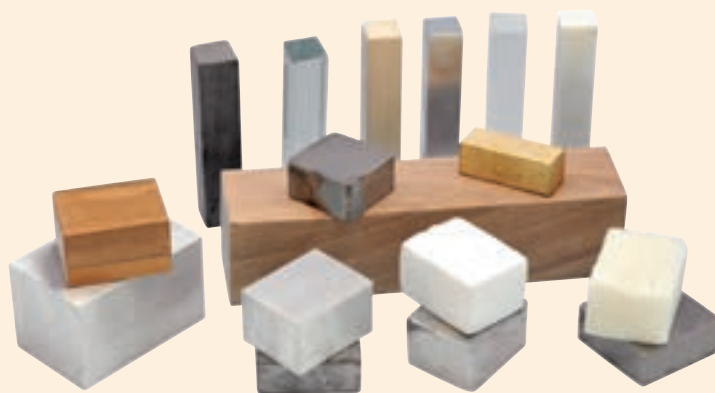
exclusive

Highly visual cards to sort and understand the process involved in raw material sourcing, conversion into products and end of life recycling. Each set includes 13 dry-wipe picture cards that show the step-by-step process. In addition to the 13 picture cards there are two blank cards included in the set for suggestion/discussion before the next correct answer is revealed. A detailed teacher guide with suggested lesson plans and a quick-start guide are provided. Learn about the full cycle of glass, metal, plastic, wood and wool.

5 SETS  
OF 13 CARDS  
**\$268<sup>95</sup>**  
SAVE \$30.80



IP1791K	5 Sets of 13 cards	\$268.95
IP117500	Glass	\$59.95
IP117600	Metal	\$59.95
IP117700	Plastic	\$59.95
IP117800	Wood	\$59.95
IP117900	Wool	\$59.95



## Materials Kit (solids)

This kit consists of 14 materials in the form of rectangular blocks, intended to familiarise students with the appearance, 'feel', texture, harness and density of a range of common substances. Contents in size 5 x 4 x 3cm: wood, paraffin wax, aluminium, iron, foamed polystyrene. In size 2 x 2 x 10cm: perspex, glass, slate, aluminium, softwood, marble. Blocks in other sizes: lead (5 x 5 x 2cm), brass (2 x 2 x 5cm) and iron (4 x 4 x 2cm).

EIS0114B

\$99.95

Learn  
about the  
properties of  
materials



## Cube For Density Investigation - 2cm

Each cube measures 2cm and comes without hook. They can be purchased individually or as a set of 6. Supplied with instruction manual.

EIS0108H	Set of 6	\$32.95
EIS0108A	Brass	\$7.50
EIS0108B	Lead	\$4.95
5 or more – Each		\$3.95
EIS0108C	Zinc	\$6.95
5 or more – Each		\$4.95
EIS0108D	Copper	\$6.95
5 or more – Each		\$4.95
EIS0108E	Aluminium	\$4.95
5 or more – Each		\$3.95
EIS0108F	Iron	\$4.95

Sunpaper Kit – UV  
Reacting Paper

This Sunpaper kit encourages an interest in the photographic process using only sun, water, and a bit of imagination. The paper goes through a chemical change when exposed to light. Place a fern, flower, or other objects on the special paper and set it in the sun briefly. Then rinse the paper in water and watch as a beautiful long-lasting image appears! Content: 15 sheets of 20 x 30cm.

TH891

\$39.95







### Coloured Safety Goggles

These fun, coloured safety goggles can be used any time students need reliable eye protection. Sized just right for your students and adjustable for adults. Set of six pairs of goggles comes in three bright, translucent colours (red, blue, and green).

LER2449 Set of 6 \$43.95



### Safety Goggles

Protect student eyes. Constructed from durable soft plastic. Ventilated to stop fogging. Features an elastic strap. Correct size for children.

BUY SET OF 50  
& SAVE  
**\$67<sup>55</sup>**

FD2400	Each	\$5.95
FD2400K	Set of 50	\$229.95



BUY SET OF 30  
& SAVE  
**\$49<sup>55</sup>**

### Clear Safety Glasses – Vented

These clear safety glasses are made of durable polycarbonate. They fit over most prescription glasses and are vented to keep the glasses from fogging. UV protected and light weight. With impact resistant lens, conforms to ANSI Z87.1 2010 sideshield protection.

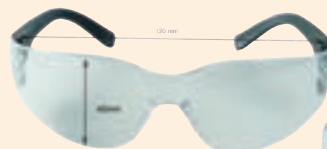
EIS0619A	Each	\$6.95
EIS0619K	Set of 30	\$158.95

### Lab Coats

These lab coats are available in 2 sizes and made of white polyester/cotton drill concealed press-stud fastenings, back vent and three large pockets. Small: length 95cm, Chest 58cm, Arm Length 42cm. Medium length: 100cm, Chest 60cm, Arm Length 46cm.



EIS0622A	Medium	\$39.95
EIS0622C	Small	\$36.95



BUY SET OF 30  
& SAVE  
**\$9<sup>90</sup>**

### Safety Glasses – Kids-Sized

Turn even the youngest students into real scientists! These safety glasses are perfect for young students aged 4 to 8. The glasses measure 120mm wide. Available in a set of 10 or 30.

MAJA003S	Set of 10	\$34.95
MAJA003SK	Set of 30	\$94.95



### 1. Molecular Model Set – Large

A great set for organic and inorganic molecular models. Kit contents: 8 Carbon, 15 Hydrogen, 4 Nitrogen, 6 Oxygen, 2 Sulphur, 1 Phosphorous, 6 Halogen, 8 metal (4 different types), 1 sp<sup>3</sup>, 1 dsp<sup>3</sup>, 1 d<sup>2</sup>sp<sup>3</sup>, 30 medium links, 12 long flexible links and 1 instruction leaflet.

EIS00604 \$51.95



**SUPER  
BUY**

\$659.45  
NOW ONLY  
**\$529<sup>95</sup>**  
SAVE \$129.50

### Atomic & Molecular Class Kit

**exclusive**

This kit consists of 1x Atomic & Molecular Demonstration set (EIS00605) and 10x Atomic & Molecular Large student set (EIS00604).

EIS00609K \$529.95



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



## Exploring Science

3+ yrs

Download 10 additional activity sheets online

**Primary Science Set**

This great primary science set includes real science tools and supports hands-on early science investigations. Comes with ten double-sided activity cards. Set includes beaker, magnifying glass, funnel, eyedropper, flask, tweezers, goggles, large 15cm test tube with lid and stand, 2 small test tubes with lids and stand and an activity guide.

LER2784 \$49.95

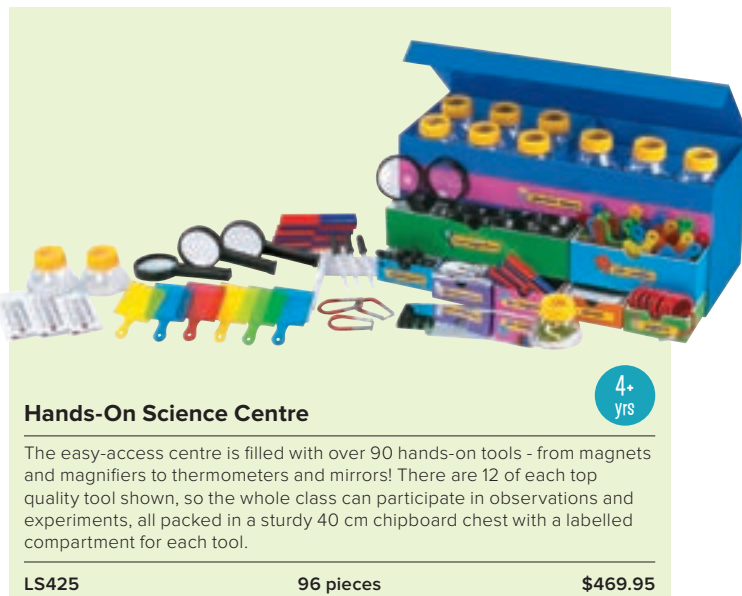


**Hands-On Science Centre**

The easy-access centre is filled with over 90 hands-on tools - from magnets and magnifiers to thermometers and mirrors! There are 12 of each top quality tool shown, so the whole class can participate in observations and experiments, all packed in a sturdy 40 cm chipboard chest with a labelled compartment for each tool.

LS425 96 pieces \$469.95

4+ yrs



**Primary Science Deluxe Lab Set**

A learning lab for little learners! Perfectly sized science tools to support early hands-on science investigations. Includes: write & wipe journal, 2 flasks (round and square bottomed), 2 large test tubes plus stand, eyedropper, 2 funnels, safety glasses, tall adjustable stand with holder clips, 2 twisty connector tubes, 3 stoppers, sensory tube with solid and vented lids, and Primary Science Viewscope with observation dish. Includes 20 activity cards with step-by-step instructions.

LER0826 \$89.95

3+ yrs



**Jumbo Test Tubes and Stand**

These chunky, durable test tubes support inquiry-based investigation and hands-on observation. Plastic tubes are safe from -10 to 95°C and feature calibration marks (25, 50, 75 and 100ml). Hand wash. Includes 6 test tubes, different coloured lids (to track experiments), sturdy rack and activity guide. Tubes measure 15 x 3.8cm in diameter.

LER2788 \$24.95

3+ yrs



**Easy Grip Tweezers**

These extra large (15cm) tweezers have a comfortable grip and are excellent for small hands. Supplied in assorted colours. A guide with suggested activities is included.

LER1963 Pack of 12 \$24.95

5+ yrs



**Primary Science Jumbo Eyedroppers**

These Jumbo Eyedroppers teach young scientists fine motor skills. The stand provides convenience and storage. A great resource to get the young students interested in science!

LER2779 Set of 6 \$29.95

3+ yrs



**Giant Pipettes**

Made of durable quality-moulded plastic and perfect for little hands. Set of 6 pipettes. The use of a pipette is an ideal exercise to build fine motor skills and it also develops hand-eye coordination and cognitive development.

EC0006 Set of 6 \$9.95

Set of 6





**SUPER  
BUY**

~~\$762.75~~  
NOW ONLY  
**\$499<sup>95</sup>**  
SAVE \$262.80

### Plasticware Classroom Value Kit

Stock up on your most  
used plasticwares with  
this value pack!

EISKIT3

**\$499.95**

#### Kit includes

- 50 graduated beakers in 5 volumes (10 each of 50ml, 100ml, 250ml, 500ml and 1000ml)
- 30 graduated measuring jugs in 3 volumes (10 each of 250ml, 500ml and 1000ml)
- 70 graduated cylinders in 7 volumes (10 each of 10ml, 25ml, 50ml, 100ml, 250ml, 500ml and 1000ml)
- 15 wash bottles in 3 volumes (5 each of 125ml, 250ml and 500ml)

### Graduated Beaker – Polypropylene

Raised graduations on the outer surface with tapered spout. A valuable tool for measuring volume class. The set of 5 (EIS137E) consists of 50ml, 100ml, 250ml, 500ml and 1000ml.

EIS137E	Set of 5	\$17.95
EIS0137A	50ml	\$1.75
EIS0137B	100ml	\$2.10
EIS0137C	250ml	\$2.30
EIS0137D	500ml	\$3.50
EIS0137E	1000ml	\$8.50



### Graduated Measuring Jug - Polypropylene

These polypropylene, clear and autoclavable measuring jugs have good chemical resistance. They come with handle for easy lifting and pouring. The kit includes one of each of the 250ml, 500ml and 1000ml jugs.

EIS0356K	Set of 3	\$10.95
EIS0356A	250ml	\$2.95
EIS0356B	500ml	\$4.05
EIS0356C	1000ml	\$4.60
EIS0356DM	2000ml	\$5.60



### Graduated Cylinder - Polypropylene

These hexagonal cylinders are made of polypropylene. Single piece, autoclavable, graduated and with excellent contact clarity. Base provides good stability. EIS0354K includes one of each.

EIS0354K	Set of 7	\$29.95
EIS0354A	10ml	\$1.95
EIS0354B	25ml	\$2.15
EIS0354C	50ml	\$2.60
EIS0354D	100ml	\$3.95
EIS0354E	250ml	\$5.60
EIS0354F	500ml	\$8.95
EIS0354G	1000ml	\$11.50



BUY SET OF 7  
& SAVE  
**\$675**

### Measuring Containers

Long lasting measuring containers with wide mouths for easy measuring. The set contains 10 x 100ml, 5 x 200ml, 2 x 500ml and 1 x 1 litre containers.

DM1033

Set of 18

**\$42.95**

### Wash Bottles - Polypropylene

Polyethylene, translucent & unbreakable. Graduated Wash bottles with delivery tube. The cap is fitted with a flexible polyethylene delivery tube which can be aimed wherever required. The kit includes one of each of 125ml, 250ml and 500ml.

EIS0180K	Set of 3	\$8.10
EIS0180A	125ml	\$2.20
EIS0180B	250ml	\$2.95
EIS0180C	500ml	\$4.50



BUY SET OF 3  
& SAVE  
**\$155**

### Reagent Bottle - Polypropylene

Ideal school reagent bottles made from rigid and leak-proof polypropylene. Perfect for the storage of chemicals in liquid or powder form. The kit includes one of each of the 125ml, 250ml and 500ml reagent bottles.

EIS0172K	Set of 3	\$8.20
EIS0172B	125ml	\$2.95
EIS0172C	250ml	\$3.10
EIS0172D	500ml	\$3.95



BUY SET OF 3  
& SAVE  
**\$180**



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



## Glassware

BUY BULK  
PACK & SAVE  
**\$18<sup>85</sup>**

**Beaker – Glass**

These beakers are made of borosilicate glass, graduated with spout. Great durability and heat resistance. The bulk kit includes 36 beakers of each volume, a total of 180 beakers.

EISKIT4	Bulk Pack	\$759.95
EIS11015	50ml - Pack of 12	\$25.95
EIS11011	100ml - Pack of 12	\$29.95
EIS11010	150ml - Pack of 12	\$32.95
EIS11012	250ml - Pack of 12	\$33.95
EIS11013	500ml - Pack of 6	\$35.95

BUY BULK  
PACK & SAVE  
**\$110<sup>60</sup>**

**Erlenmeyer Flask  
Borosilicate Glass**

These Erlenmeyer flasks are made of borosilicate glass and have a narrow neck. They are used for mixing liquids. The bulk pack includes 12 flasks of 50ml, 100ml, 500ml and 1000ml, and 36 flasks of 250ml, a total of 84 flasks.

EISKIT6	Bulk Pack	\$426.95
EIS0424C	50ml - Pack of 12	\$38.95
EIS0424D	100ml - Pack of 12	\$48.95
EIS0424F	250ml - Pack of 12	\$53.95
EIS0424G	500ml - Pack of 6	\$53.95
EIS0424H	1000ml - Pack of 6	\$89.95

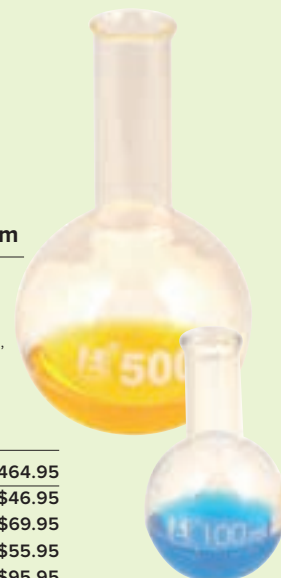
BUY BULK  
PACK & SAVE  
**\$17<sup>75</sup>**

**Boiling Flask Glass  
– Round Bottom**

These boiling flasks have a round bottom and narrow neck. They are useful for performing mixing, heating, distillation, cooling, precipitation, condensation and other processes. The bulk pack includes 24 flasks of 250ml and 12 flasks of 500ml and 1000ml, a total of 48 flasks.

EISKIT7	Bulk Pack	\$349.95
EIS0402E	250ml - Pack of 12	\$49.95
EIS0402F	500ml - Pack of 6	\$45.95
EIS0402G	1000ml - Pack of 6	\$87.95

BUY BULK  
PACK & SAVE  
**\$72<sup>65</sup>**

**Boiling Flask Glass – Flat Bottom**

These boiling flasks have a flat bottom and narrow neck, which allows them to stand on a level surface. They are useful for performing mixing, heating, distillation, cooling, precipitation, condensation and other processes. The bulk pack includes 24 flasks of 250ml and 12 flasks of 500ml and 1000ml, a total of 72 flasks.

EISKIT5	Bulk Pack	\$464.95
EIS0410C	100ml - Pack of 12	\$46.95
EIS0410E	250ml - Pack of 12	\$69.95
EIS0410F	500ml - Pack of 6	\$55.95
EIS0410G	1000ml - Pack of 6	\$95.95

BUY BULK  
PACK & SAVE  
**\$61<sup>35</sup>**

**Graduated Cylinder Glass**

These graduated cylinders are made of borosilicate glass and have a round base with spout. They are used for measuring liquids and chemicals for use in reactions. The bulk pack includes 4 cylinders of 10ml and 25ml, 8 cylinders of 50ml, 24 cylinders of 100ml and 250ml and 12 cylinders of 500ml, a total of 76 cylinders.

EISKIT8	Bulk Pack	\$539.95
EIS0344A	10ml - Pack of 2	\$8.50
EIS0344A1	25ml - Pack of 2	\$9.95
EIS0344B	50ml - Pack of 2	\$11.50
EIS0344C	100ml - Pack of 2	\$14.50
EIS0344D	250ml - Pack of 2	\$19.95
EIS0344E	500ml - Pack of 2	\$17.50

**Separating Funnel**

Borosilicate glass with interchangeable plastic stopper and PTFE Key stopcock. The 250ml funnel has a socket size of 19/26, the 500ml funnel has a socket size of 24/29.

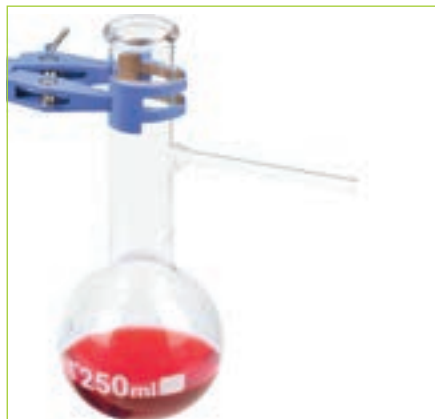
EIS0479D	500ml	\$37.95
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**Clear Dropping Bottle**

Clear borosilicate glass dropping bottle.

EIS0194B	50ml	\$7.50
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### Distilling Flask with Side Arm

Borosilicate glass, round bottom, with side arm.

EIS0416A	100ml	\$7.20
EIS0416B	250ml	\$11.95
EIS0416C	500ml	\$12.95



FROM ONLY  
**\$848**  
EACH FLASK

### Volumetric Flask - Glass

Made of borosilicate glass, florence. These flasks have a flat bottom and narrow neck with beaded rim. DIN 12347. Fitted with chemical resistance propylene stopper.

EIS0448D	50ml - Pack of 2 - 12/21	\$16.95
EIS0448E	100ml - Pack of 2 - 14/23	\$16.95
EIS0448G	250ml - Pack of 2 - 14/23	\$22.95
EIS0448H	500ml - Pack of 2 - 19/26	\$26.95
EIS0448I	1000ml - Pack of 2 - 24/29	\$38.95



### Boiling Flask – Pear Shaped 50ml

Borosilicate glass pear shaped boiling flask with short neck and interchangeable joint. Available in two socket sizes: 14/23 and 19/26.

EIS0406B	14/23	\$11.95
EIS0406C	19/26	\$11.95



Pack of  
10

### Watch Glass – 9cm

Used as a surface to evaporate liquids, holds solids while being weighed or to cover a beaker glass.

EIS0554D	Pack of 10	\$10.50
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### Burette Acrylic – 50ml

The acrylic body is unaffected by dilute minerals acids and bases, except hydrofluoric acid and ammonium hydroxide. With transparent acrylic body and leak-proof PTFE plunger stopcock. 50ml with 0.10ml graduation.



EIS0233B	\$19.95
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### Adapter Socket with T Connection

Borosilicate glass adapter socket to cone with T connection. Available in two sizes: socket 14/23 and cone 14/23, or socket 19/26 and cone 19/26.

EIS0833A	14/23	\$11.95
EIS0833D	19/26	\$11.95



### Receiver/Adapter Delivery – 65mm

Borosilicate glass adapter/receiver delivery with short stem. Available in two socket sizes: 14/23 and 19/26. Length 65mm.

EIS0830A	14/23	\$8.95
EIS0830B	19/26	\$8.95

### Adapter Thermometer Cone/ Screw Thread

Borosilicate glass adapter Cone/ Screw thread. Straight, with an acceptable diameter through the screw cap of 6-7mm. Perfect for use with thermometers. Available in two socket sizes: 14/23 and 19/26.



EIS0835A	14/23	\$8.95
EIS0835B	19/26	\$8.95



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

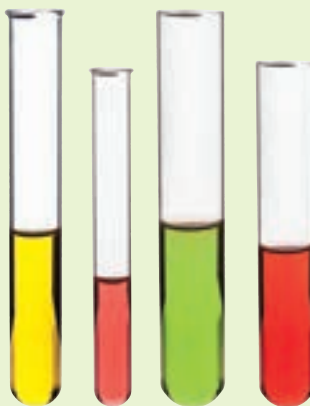


## Test Tubes & Syringes

### Test Tubes

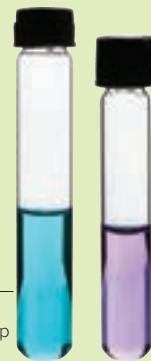
These borosilicate glass test tubes are available with and without rim and in different sizes. The wall thickness is 1.2mm.

EIS0716R	With Rim - 16x150mm - Set of 48	\$24.95
EIS0718R	With Rim - 18x150mm - Set of 24	\$14.95
EIS0725R	With Rim - 25x250mm - Set of 24	\$29.95
EIS0716WR	Without Rim - 16x150mm - Set of 48	\$24.95
EIS0718WR	Without Rim - 18x150mm - Set of 24	\$14.95
EIS0725WR	Without Rim - 25x250mm - Set of 24	\$29.95



### Test Tube with Screw Cap

These borosilicate glass test tubes have a Bakelite screw cap and rubber liner.



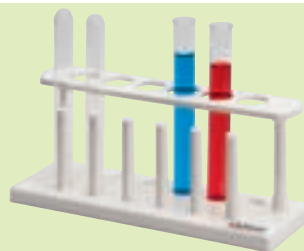
EIS0724-24	16 x 125mm - Set of 24	\$32.95
EIS0724-12	25 x 150mm - Set of 12	\$21.95



### Test Tube Stand

Polypropylene and autoclavable, with 3-tier design. It provides a clear view of the tube contents & convenient insertion and removal of the tubes.

EIS0708B	1.6cm dia x 31 Tubes	\$9.50
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### Test Tube Stand Polypropylene

Polypropylene, autoclavable and has 6 place racks supported by 2 columns. It has six vertical pins for drying tubes. Colour may vary. Illustrated test tubes sold separately.

EIS0694B	Each	\$6.15
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**NEW**

### Test Tubes (Plastic) with Caps

These durable test tubes with caps are ideal for young scientists! Set of 12 test tubes with 12 caps. Each has 16ml capacity.

NK50820	Set of 12	\$19.95
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**NEW**

### Dropper Bottles

Removable dropper tips allow for refilling. Variety of sizes to choose from.

NK50806	30ml - Set of 12	\$4.95
NK50807	60ml - Set of 12	\$7.95
NK50808	125ml - Set of 12	\$9.95



### Drying Rack

This drying rack can dry up to 28 test tubes at the time. It comes with a plastic tray to catch the water.

NK3001		\$35.95
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SET OF 30  
**\$44.95**  
SAVE \$30.05

Sets of  
10 & 30

### Test Tube Brush

Brush for easy cleaning of test tubes. It is 10cm long.

EIS0204C-10	Set of 10	\$16.90
EIS0204C-30	Set of 30	\$44.95



SET OF 10  
**\$9.20**  
SAVE \$0.30

### Disposable Pipette – 3ml

Illustrated beaker not included.

EIS0005	Each	\$0.95
EIS0005K	Set of 10	\$9.20



### Super-Safe Eye Droppers

A durable shatterproof dropper made of clear plastic with a rubber bulb. Pack of 12 each measuring 8.5cm long. Ages 5+ years

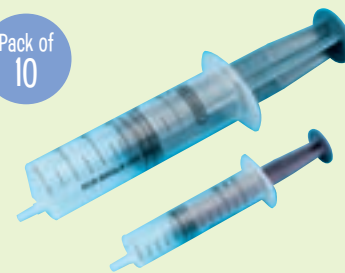
LS446	Pack of 12	\$21.95
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Pack of  
10

### Syringes Plastic

Durable, graduated plastic syringes.

EIS0356D	10ml - Pack of 10	\$3.75
TFC50801K	20ml - Pack of 10	\$6.10
EIS0356F	50ml - Pack of 10	\$18.00





### Bunsen Burner Start-Up Kit

This Bunsen burner start-up kit is a perfect lab resource. Each kit comes with one Bunsen burner compatible with LPG (EIS0093H) or natural gas (EIS0093H-NG), a rubber tubing for the Bunsen burner, a wire gauze and tripod stand. Other illustrated accessories not included.

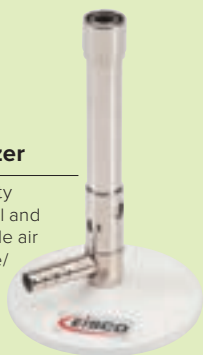
EIS0093K	With LPG Bunsen Burner	\$46.95
EIS0093K2	With Natural Gas Bunsen Burner	\$46.95



### Bunsen Burner with Flame Stabilizer

This is a very good quality bunsen burner for school and general lab use. Rotatable air hole to control flame size/heat. Base diameter is 8.5cm and overall height is 13cm. Tube diameter is 1.4cm.

EIS0093H	LPG	\$24.90
EIS0093H-NG	Natural Gas	\$24.90



## Safer design

### Bunsen Burner with Safety Handle

These Bunsen burners are perfect for primary schools. The base is designed in a way that students can't tip over the burner, and the additional safety handle makes it possible to lift it like a candle. This overcomes the problem that students want to pick it up from the top, which can be very hot. Available in natural gas and LPG.

EIS0093QP-NG	Natural Gas	\$25.95
EIS0093QP-L	LPG	\$25.95



#### Features

- Square base with extended legs for more stability
- Easy carry handle enables moving the burner without touching any hot parts
- Less chance of tipping over

### Wire Gauze

Wire gauze for use with Bunsen and Tripod. Ceramic centre. Gauze is 12cm square.

NK1502	\$2.15
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### Rubber Tubing for Bunsen Burners

Neoprene rubber tubing, recommended for use with bunsen burners. With reinforced ends for easy and sturdy connection.

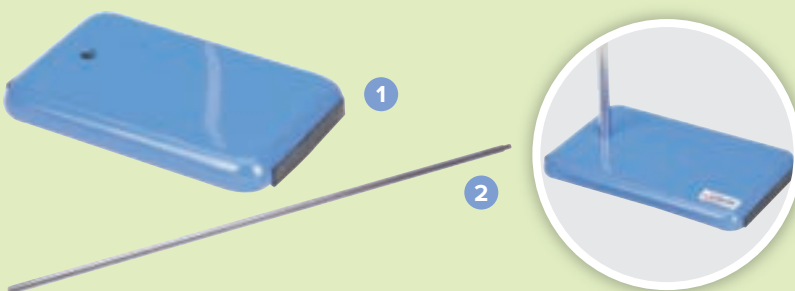
EIS0100A	\$12.50
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### Base & Steel Rod Retort Stand Kit

EIS0649K	\$35.95
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This kit includes one base (EIS0649B) and one rod (EIS0657A).



#### 1. Base Retort Stand Rectangular

Steel base with tapped hole 10 x 1.5mm metric thread in the centre of one short side. Fitted with rubber feet. Size: 20(L) x 12.5(W)cm, 1200g.

EIS0649B	\$26.95
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#### 2. Steel Rod

This steel rod suits base (EIS0649B). 60cm high, 11mm in diameter.

EIS0657A	\$10.50
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### Tripod Stand – Triangular

This tripod stand will be a valuable resource in your science classroom. It has splayed, steel legs for greater stability and easy access along with a cast iron top. Excellent for use with bunsen burner, wire gauze, beakers and evaporating basins. Each tripod side is 12cm long and the total height is 21cm.

EIS0645A	\$9.50
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**FREE freight on all orders over \$99.** Conditions apply, see website for details.



## Lab Essentials

**Petri Dish**

Plastic petri dish for studying microbes. Illustrated bugs not included.

NK50804	9cm – 100 Pack	\$34.95
NK6605-25	7cm – 25 Pack	\$10.70

**Filter Paper**

Use this absorbent paper to separate small particles from liquids.

EIS1392A	5.5cm dia - Pack of 100	\$3.95
NK50811	12.5cm dia - Pack of 100	\$5.95

**Filter Funnel Polythene**

Polythene filter funnel. Unaffected by acid, alkaline, etc. Set of three funnels consists of sizes 5, 7.5 and 10.5cm. Illustrated beaker not included.

EIS0454K	Set of 3 funnels	\$5.30
EIS0454A	5cm	\$1.75
EIS0454C	7.5cm	\$1.95
EIS0454D	10cm	\$2.30

**Test Tube Holder**

Plated spring steel wire holder with finger grip. The jaws will accept tubes up to 40mm diameter and their alignment is maintained by a wire collar.

EIS0730	\$4.50
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**Test Tube Peg Holder**

This jumbo-sized, wooden peg features an extension arm ideal for holding test-tubes over a flame. 19 x 1.2cm.

NK50818	\$2.50
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**Mortar and Pestle**

Glazed mortar and pestle. Pestle is 11cm long. Mortar's rim diameter is 10cm, bottom diameter is 6cm and height is 4.5cm.

EIS0540A	\$4.10
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**Beaker Tongs**

For handling beakers from 50 to 2000ml capacity. Made of nickel-plated steel wire. Overall length is 23cm. Maximum jaw opening is 15cm.

EISBT001	\$7.95
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**Crucible Tongs with Bow – Stainless Steel**

General purpose tongs with bow and corrugated jaws. Used for handling of hot apparatus.

EIS0735F	\$6.95
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SET OF 10  
**\$21<sup>70</sup>**  
SAVE \$5.80

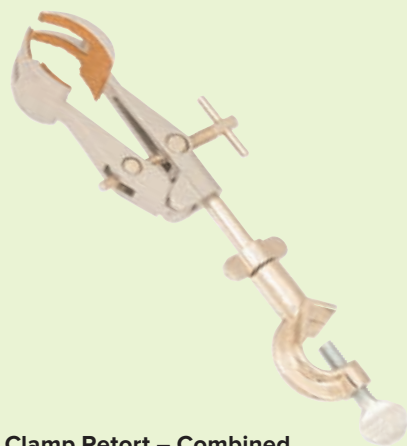
**Tweezers**

Tweezers with bent head. Tweezers are 12.5cm long.

EIS5030	Each	\$2.75
EIS5030-10	Set of 10	\$21.70



## Retort Stands &amp; Clamps

**Clamp Retort – Combined**

Diecast alloy clamp retort, cork-lined jaws with boss head which accommodates rods up to 1.5cm diameter.

EIS0687

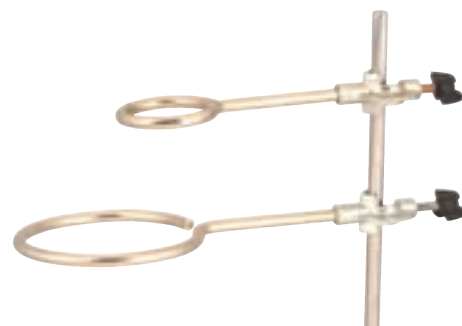
\$14.95

**Boss Head**

For use with laboratory stand, diecast alloy, accepts rod up to 1.6cm diameter, which are secured with nickel-plated brass tommy screws.

EIS0662

\$4.40

**Ring Closed with Clamp**

Accepts rods from 8mm to 12.5mm diameter. Distance is 14cm from centre of support to centre of ring.

EIS0672B

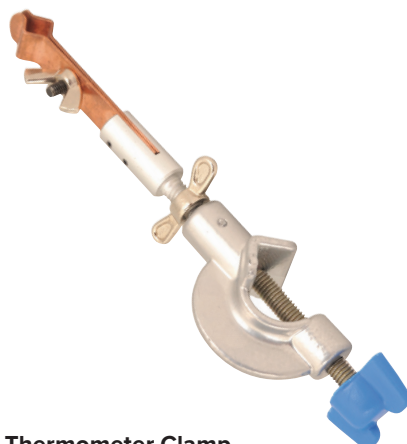
7.5cm

\$6.95

EIS0672C

10cm

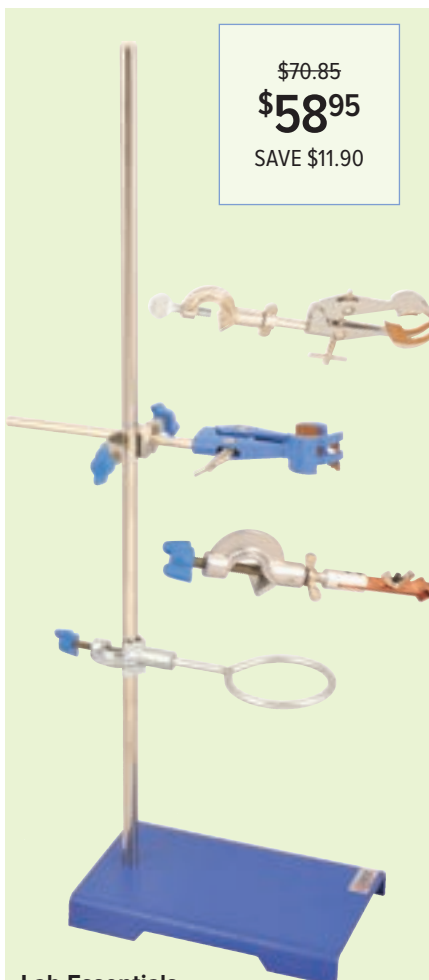
\$7.50

**Thermometer Clamp**

Adjustable 360° jaw rotation, for attaching to support rods up to 16mm in diameter. Overall length 14cm.

EIS0667A

\$7.10



~~\$70.85~~  
**\$58<sup>95</sup>**  
 SAVE \$11.90

**Lab Essentials Retort Stand & Clamps Kit - Basic**

A great starter pack for your science lab. This kit includes one of each: Retort stand with a base measuring 20 x 12.5cm and the rod measuring 60cm long and 11mm in diameter, a thermometer clamp, a retort clamp combined, a boss head, and a retort ring (7.5cm in diameter).

EISKIT1

\$58.95

Includes 4  
 complete sets

~~\$440.00~~  
**\$349<sup>95</sup>**  
 SAVE \$90.05

**Lab Essentials Retort Stand & Clamps Kit - Large**

Stock up on the essentials for your school lab! This kit includes 4 of each:

- Retort stand (base is 20 x 12.5cm, rod is 60cm long and 11mm in diameter)
- Thermometer clamp
- Retort clamp combined
- Retort ring (7.5cm in diameter)
- Boss head
- Burette clamp - double
- Tubing for Bunsen Burner - 600mm
- Wire gauze
- Tripod stand (21cm high)

EISKIT2

\$349.95

**Burette Clamp – Double**

This burette clamp is a double clamp with high strength allow casting jaws, for use in combination with a burette. Attach two burettes at the same time. The clamp can be used single handed, making it very convenient. Suitable for all burettes up to 100ml.

EIS0258B

\$15.00



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



## Lab Essentials



## Specifications

- Motor: 1/6 HPHA
- Vacuum: 650 mm
- Air Flow: 38 LP
- Weight: 4.8kg
- Supplied with vacuum gauge and moisture trap

**Vacuum Pump with Plate – Electronic**

A high quality vacuum pump with plate for a number of experiments.

EIS0168C

\$689.95

**NEW****Hot Plate**

Provides a reliable source of simmer stat and thermostat controlled heat. A ceramic board provides insulation and ensures the housing remains cool, even after prolonged operation at maximum temperature 400°C. Measures 12.5 x 20 x 18cm.

NK50869

\$199.95

**Vacuum Pump – Hand Operated – and Bell**

EIS0166K

\$222.95

This kit consists of the hand operated vacuum pump (EIS0166B) and the bell in vacuum (EIS0176N8).

Explore the  
properties  
of a vacuum



~~\$256.90~~  
**NOW ONLY**  
**\$229.95**  
SAVE \$33.95

Instruction  
manual  
included

**Vacuum Pump with Plate – Hand Operated**

This is an integral system with the pump plate and hand vacuum pump. The plate comes with a rubber seal which facilitates sealing in bell jar experiments. The plate can be used with electric vacuum pumps as well. A rubber seal is provided for the pump plate. The diameter of the plate is 20cm.

EIS0166B

\$191.95

**Bell in Vacuum – Glass**

This bell in vacuum is for use on a pump plate with a diameter not less than 15cm. The electric bell operates on 4-6 volts AC/DC suspended on a rubber cord in the bell jar. Fine coiled wire connection to terminals mounted in rubber bung sealing the jar. The size of the bell jar is 22 x 15cm.

EIS0176N8

\$64.95

**Vinyl Gloves****exclusive**

These disposable vinyl gloves are comfortable to wear and are great for all food preparation and cleaning tasks. These gloves will protect the hands from substances coming into direct contact with the hands and they help prevent cross contamination, allowing the user to dispose the gloves when they are finished. These gloves are designed with quality in mind and are powder-free while still being easily able to slip on and off the hands. These gloves come in medium, large and extra-large sizes.

GL100VM	Medium - Pack of 100	\$3.50
GL100VM-10	Medium - Box of 1000	\$32.95
GL100VL	Large - Pack of 100	\$3.50
GL100VL-10	Large - Box of 1000	\$32.95
GL100VXL	Extra Large - Pack of 100	\$3.50
GL100VXL-10	Extra Large - Box of 1000	\$32.95

**Nitrile Powder Free Blue Gloves**

These disposable nitrile gloves are powder free, comfortable to use and of professional quality. The gloves effectively protect against oil-based chemicals and are waterproof. Nitrile has excellent barrier protection providing three times more puncture resistance than latex. Available in three sizes.

GL200BS	Small - Pack of 200	\$9.95
GL200BS-10	Small - 10 x 200	\$99.00
GL200BM	Medium - Pack of 200	\$9.95
GL200BM-10	Medium - 10 x 200	\$99.00
GL200BL	Large - Pack of 200	\$9.95
GL200BL-10	Large - 10 x 200	\$99.00

**Rubber Gloves**

These natural rubber gloves are bi-colour and measure 24mil/0.60mm. They are flock lined and are supplied in pairs. Available in medium (7-7.5") and large (8-8.5"). Illustrated test tubes & stand are not included.

EIS0616B	Large - Pair	\$12.95
EIS0616BK	Large - Set of 10 Pair	\$95.95
EIS0616A	Medium - Pair	\$12.95
EIS0616AK	Medium - Set of 10 Pair	\$95.95



**NEW****Minimum-Maximum Thermometer  
-40°C to 50°C**

This wall mountable, indoor or outdoor thermometer is a must for all schools. Accurate and easy to read. Features a simple reset push-button and min and max thermometer ranging from -40° to 50°.



NK50033

\$15.95

**NEW****Environmentally Friendly Thermometer**

Highly accurate, yet simple enough for students of all ages to use. Must be completely immersed for accuracy. Anti-roll device included. Measuring range -20°C to 110°C. Pure white, non-toxic. 31cm(L).



NK50032

\$4.95

**Thermometer & Scales****NEW****Thermometer**

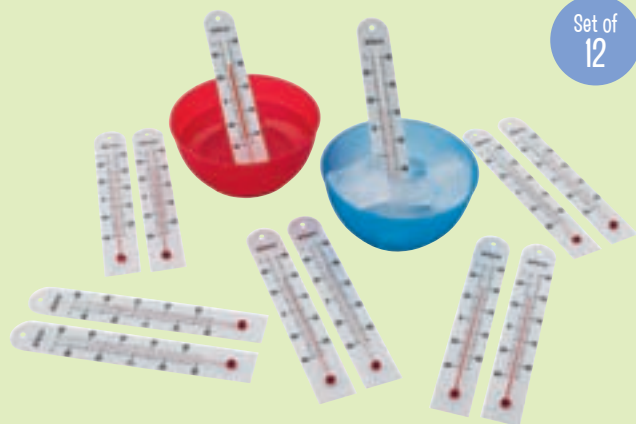
White back alcohol thermometer with range from -10 to 100°C and with 1° divisions. Glass. Packed in plastic cover. Size: 6mm diameter, 30cm long.

NK0906

\$2.95

10 or more – Each

\$1.95

**Student Thermometers**

A set of 12 glass student thermometers on a PVC base. The thermometers range from -40 to +50 degrees Celsius.

EIS1200

Set of 12

\$27.95

**NEW****Primary Balance**

The perfect balancing act. Compare and measure weight and volume of liquid or solid materials. This solid plastic balance features built-in storage compartment for weights. Includes: 2 x clear buckets with lids, 14 x stackable plastic weights and 11 x metal weights.

GG1054

\$62.95

**Kitchen Scale Electronic**

Digital display and increments of 1g this battery operated 5kg electronic kitchen scale is great value.

TFC10537

Each

\$29.95

**Kitchen Scale Max 500g**

This kitchen scale is ideal for measuring smaller volumes and/or mass when more accuracy is needed. The scale measures up to 500g, with 5g increments.

DN4004

5g increments

\$13.95

6 or more – Each

\$12.95

**Digital Kitchen Scale With Bowl Max 5kg**

This digital kitchen scale is accurate, with 1g increments. The scale measures up to 5kg and comes with detachable bowl.

DN4008W

1g increments

\$39.95



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



## Graph Paper &amp; Calculators

Pack of 30

Double-sided

Teachables

### Whiteboard – Graph

These whiteboards display a graph grid, with every 10x10mm displayed in a dark blue grid, and every 2x2mm displayed in lighter blue lines. This makes it possible to accurately create a graph. Supplied in a pack of 30. Size: 27.8(L) x 23(H)cm.

TEB0243	Pack of 30	\$39.95
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Double-sided

Pack of 30

Teachables

### Whiteboard – Grid 5 & 10mm Double-Sided

These whiteboards have a 5mm grid on one side and a 10mm grid on the reverse. The write-on wipe-off surface makes it easy to quickly correct mistakes. Use with Teachables markers and cleaners for best results. Size: 27.8(L) x 23(H) cm.

TEB0241	Pack of 30	\$39.95
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### Graph Paper – 10mm

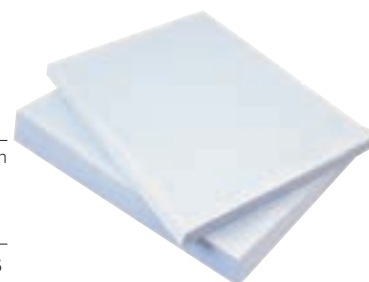
Set of 10 pads, each containing 50 pages.

NP8016	500 sheets	\$21.95
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## Graph Paper – 5mm

This sharp, clearly printed A4 graph paper is supplied in loose leaf reams. There are approximately 500 sheets in each ream.

QL02540	500 sheets	\$16.95
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## Features

- View input and answer at the same time
- Battery will allow calculator to operate in poor light
- Automatically turns off after 10 minutes
- Dual powered
- Robust construction

Two Line First Calculator **exclusive**

This calculator is an easy-to-use and durable school calculator. The large, plastic, colour-coded keys and easy to use memory keys, change signs (+/-) and % make this calculator a perfect resource for students from 5 years old. Size: 12.8 x 8cm.

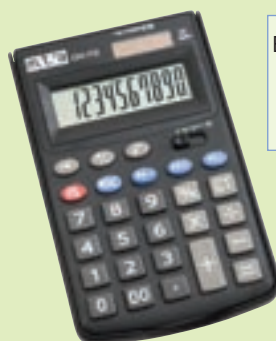
NX4522	Each	\$16.95
NX4522-10	Set of 10	<del>\$169.50</del> \$155.95

## Ten-Digit Hand-Held Calculator

This dual-powered calculator has a big, clear 10-digit display and easy to use plastic keys. It has a square root and percentage functions along with a change sign for +/- key. The calculator measures 12.5 x 7.7 x 1.4cm and has a cover. Ages 6+ years

CEC112	Each	\$8.95
CEC112-10	Set of 10	\$63.95

BUY SET OF 10  
& SAVE  
**\$25.55**



Approved  
by The  
Board of  
Studies

5-year  
replacement  
warranty

Casio fx-82AU  
Plus II Scientific Calculator

The new and upgraded fx-82AU PLUS II scientific calculator includes a new 'Prime Factorisation' function. The fx-82AU PLUS II incorporates all the features and operations of the existing fx-82AU PLUS and more.

CAS82AU	Each	\$38.95
CAS82AUK	Set of 30	\$1,157.95

BUY SET OF 30  
& SAVE  
**\$10.55**



## 8-Digit Hand-Held Calculator

8-Digit Handheld Calculator. Two power, durable plastic keys, big display. Includes % key. CEC8188-K includes 10 x 8 Digit Calculators along with Bonus Storage Caddy (LER0053), which holds 10 calculators.

CEC8188-K	Set of 10 Calculators + Caddy	\$94.95
CEC8188	Each Calculator	\$8.95

CEC8188-K  
**\$94.95**  
SAVE \$24.50





**Science Books**

This collection of books is the next step of the basics of physics, biology, chemistry and Earth and space. A perfect way to get children interested in science from a young age! The 9 books can be bought as a set or separately. Each book is 20.3cm square and has 24 pages. For individual titles, please visit our website. Ages of interest: 6-8 years

RP7320K Set of 9 \$136.95



\$161.55  
**\$136<sup>95</sup>**  
 SAVE \$24.60

**Science Books**

This collection of books shows young students the basics of physics, biology, chemistry and Earth and space. A perfect way to get children interested in science from a young age! This collection can be bought as a set (6 books) or separately. Each book is 20.3cm square and has 24 pages. For individual titles, please visit our website. Ages of interest: 5-7 years

RP7207K Set of 6 \$101.95

\$107.70  
**\$101<sup>95</sup>**  
 SAVE \$5.75

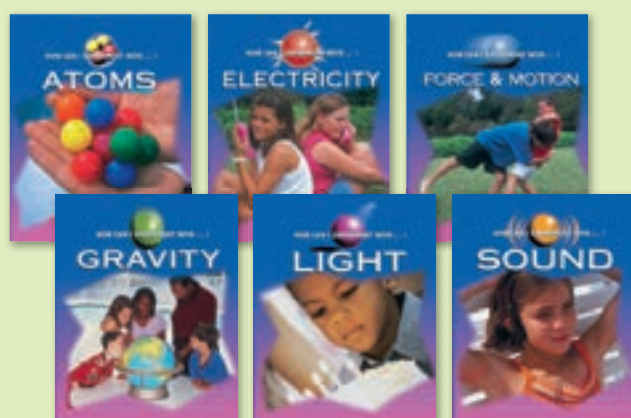


\$71.80  
**\$68<sup>95</sup>**  
 SAVE \$2.85

**Our Body Books**

This collection of books shows young students all the basics about the human body, from our immune system, muscles and skeleton to our senses and skin. The 4 books can be purchased as a set, or the titles can be found individually on our website. Ages of interest: 5-8 years.

RP0006K Set of 4 \$68.95

**How Can I Experiment with...? Books**

These hands-on books give students many opportunities to experiment with atoms, electricity, forces & motion, gravity, light or sound. Size: 20.3 x 22.8cm, each book has 32 pages. For individual titles, please visit our website. Ages 7+ years

RP0080K Set of 6 \$92.95

\$109.35  
**\$92<sup>95</sup>**  
 SAVE \$16.40



\$71.80  
**\$59<sup>95</sup>**  
 SAVE \$11.85

**How Can I Experiment With Simple Machines Books**

Find out how simple machines work by exploring their functions and by experimenting with them! Each book measures 20 x 20cm and has 24 pages.

RP5210K Set of 4 \$59.95



## Big Books

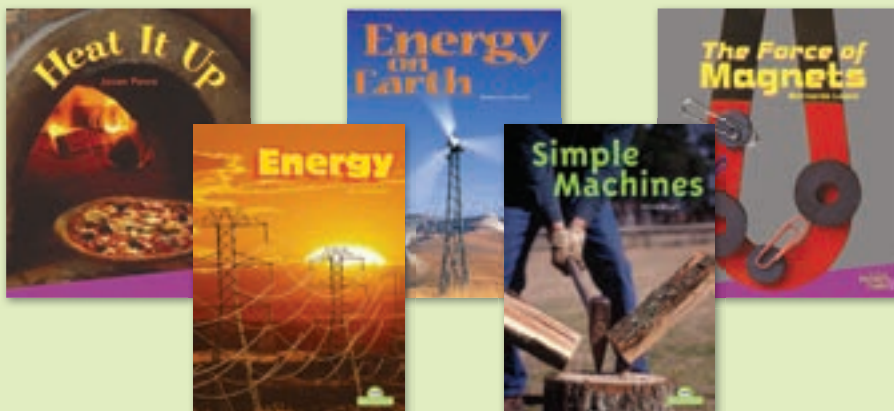
## Science Big Books

These science big books are a perfect way to introduce science subjects to young ones. Covering topics from energy and magnets, to matter, Earth, weather and plants. Each book has beautifully illustrated images and photographs.

~~\$264.75~~  
**\$230<sup>95</sup>**  
 SAVE \$33.80

## Physics Big Books

NW5820K	Set of 5 books	\$230.95
NW4919	Heat It Up	\$49.95
NW5813	Energy	\$49.95
NW1326	Energy on Earth	\$49.95
NW5820	Simple Machines	\$49.95
NW4913	The Force of Magnets	\$49.95



## Chemistry Big Books

NW7910	The World of Matter	\$49.95
NW5816	Properties of Materials	\$49.95
NW7823	Sink or Float?	\$49.95
NW3570	How Can You Tell?	\$49.95



~~\$211.80~~  
**\$189<sup>95</sup>**  
 SAVE \$21.85

## Plants &amp; Weather Big Books

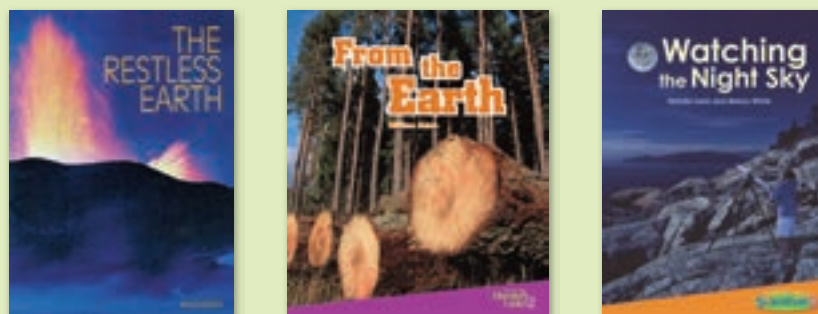
NW2653K	Set of 4 books	\$189.95
NW2673	The Vegetable Garden	\$49.95
NW4917	Green and Growing	\$49.95
NW3586	Thinking about Weather	\$49.95
NW2653	Who Cares About the Weather?	\$49.95



~~\$211.80~~  
**\$189<sup>95</sup>**  
 SAVE \$21.85

## Earth &amp; Sky Big Books

NW3262K	Set of 3 books	\$189.95
W3262	The Restless Earth	\$49.95
NW4914	From the Earth	\$49.95
NW6180	Watching the Night Sky	\$49.95





## Gratnells

This range of Gratnells Storage Units are the perfect addition to any science laboratory or classroom. The design features high quality materials and is supplied both with castors and feet. Measures 102(W) x 43(D) x 89(H)cm, and with side handles measure 105(H)cm. They can be fitted with the high quality Gratnells trays. Perfect for laboratory resources and STEAM activities.



**NEW**

### Gratnells - Callero Storage Unit

Includes Storage Unit, Runners and 24 x Shallow Trays. Kit is available with clear trays or coloured, transparent trays. Contents may vary

GT3044-24K	24 Shallow Trays - Green	\$1,074.55	\$899.95
GT3044-24C	24 Shallow Trays - Clear	\$1,063.75	\$899.95



**NEW**

### Gratnells - Callero Storage Unit

Includes Storage Unit, Runners and 12 x Deep Trays. Kit is available with clear trays or coloured, transparent trays. Contents may vary

GT3044-12K	12 Deep Trays - Blue	\$929.85	\$799.95
GT3044-12C	12 Deep Trays - Clear	\$929.85	\$799.95



**NEW**

### Gratnells - Callero Storage Unit

Includes Storage Unit, Runners and 6 x Jumbo Trays. Kit is available with clear trays or coloured, transparent trays. Contents may vary

GT3044-6K	6 Jumbo Trays - Red	\$832.90	\$699.95
GT3044-6C	6 Jumbo Trays - Clear	\$832.90	\$699.95



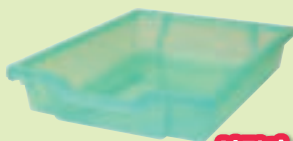
**NEW**

### Gratnells - Callero Storage Unit

Includes Storage Unit, Runners and 12 x Shallow and 4 x Deep Trays. Kit is available with clear trays or coloured, transparent trays. Contents may vary

GT3044-16K	12 Shallow & 4 Deep Trays - Green & Blue	\$899.95
GT3044-16C	12 Shallow & 4 Deep Trays - Clear	\$899.95

SAVE  
**\$192<sup>20</sup>**



### Shallow Tray

**NEW**

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

GT70357	Green	\$8.95
NK70300	Clear	\$8.95



### Deep Tray

**NEW**

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

GT70366	Blue	\$13.95
NK70301	Clear	\$12.50



### Extra Deep Tray

**NEW**

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

GT70374	Yellow	\$16.95
GT70309	Clear	\$16.95



### Jumbo Tray

**NEW**

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

GT70385	Red	\$18.95
GT70302	Clear	\$18.95



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



## Gratnells Storage

**NEW****Gratnells - Rover Storage Trolley**

A heavy duty trolley designed for indoor and outdoor use. Can be used on almost all terrains, including stairs. Includes pneumatic tyres, safety straps, 5 runners and is designed to fit any of the Gratnells trays. Measures 56(W) x 76(D) x 117(H)cm.

<b>GT-ROVER-K</b>		
3 Extra Deep Trays - Yellow		\$499.95
<b>GT-ROVER-C</b>		
3 Extra Deep Trays - Clear		\$499.95

**NEW****Gratnells Foam Insert for Calculators**

A useful foam insert that allows you to carefully store the classroom calculators. 30 compartments that each measure 0.7 x 6.5cm. Fits shallow and deep trays only. Size: 27.5 x 38.5 x 5cm.

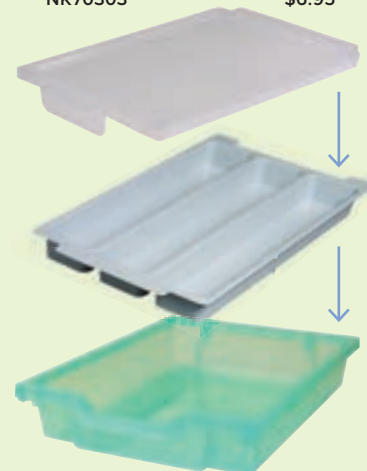
<b>GT70308</b>		<b>\$14.95</b>
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**Gratstack® Shelf Inserts****NEW**

Useful tray inserts for organising smaller items. Fits shallow trays only.  
Available in dove grey colour only. Measures 27.5 x 38.8 x 4cm.

**Three Section****GT70304****\$9.95****Four Section****GT70305****\$9.95****Six Section****GT70306****\$9.95****Eight Section****GT70307****\$9.95****Gratnells Tray Lid**

Clear lid suitable for all trays. Size:  
38.4 x 43 x 1.5cm

**NK70303****\$6.95****Shallow Tray**

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

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