



**HAINES**  
EDUCATIONAL

ISSUE 4 - VOLUME 5

TERM FOUR

# SNAPSHOT SPECIALS

Welcome to Term Four! This edition is sure to suit all your science educational needs leading into the end of the year.

PLEASE FORWARD TO THE SCIENCE COORDINATOR

## SPECTROSCOPE WITH GRADUATED SCALE

NEW

Plastic Rectangular, direct vision student spectroscope, fitted with a high efficiency grating in the eyepiece which produces a brilliant spectrum even in poor light.



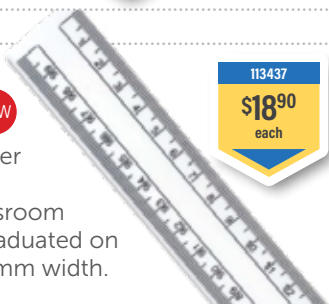
P5980

**\$42<sup>50</sup>**  
each

## METRIC RULER, WHITE ACRYLIC, 1 M

NEW

A moulded white plastic 1m ruler with cm and mm graduations. Robust and solid, ideal for classroom use with horizontal reading, graduated on both edges and both sides, 30mm width.



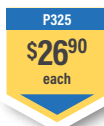
113437

**\$18<sup>90</sup>**  
each

## ENERGY STICK

A NEWLY IMPROVED MODEL IS NOW AVAILABLE!

Conduct electrical energy through your students. Make a human chain by holding hands then add the ENERGY STICK into the circle and watch it light up!

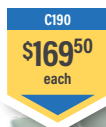


P325

**\$26<sup>90</sup>**  
each

## SENIOR ORGANIC/INORGANIC MOLECULAR MODEL SET (JUPITER)

This set is designed for a teacher or advanced student - capable of making thousand of different molecules. Comes in heavy duty box, includes: (230) Atoms, (270) bonds. This teacher's molecular model set contains a large amount of atoms for most basic chemistry models.

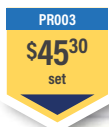


C190

**\$169<sup>50</sup>**  
each

## ATOM ACTIVITY MODEL

So easy for students to now build their own atoms. Add/remove neutrons and protons to the nucleus. Peg the required number of electrons in the appropriate shells.



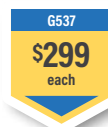
PR003

**\$45<sup>30</sup>**  
set

## MICROSCOPE, DIGITAL WITH SCREEN, 1200X

NEW

This digital microscope with up to 1200X zoom enables you to inspect and get a close-up view of your biological-related object.



G537

**\$299**  
each



BEST SELLER

## AUSTRALIAN ROCK KIT BY TESEP

The rock set includes 10 sedimentary, 9 metamorphic and 10 igneous samples that are all: large palm sized samples so key features can be studied. Completely safe, free from asbestos, asbestos-like minerals and other toxic materials.



T392

**\$390**  
each

## WATER FILTRATION KIT

Water goes on quite a journey to reach our taps, safe and ready to drink. One of the many important steps in the process is filtration, which uses layers to containments out of the water. The kit here introduces how water gets cleaned by building a simple filtration system and more.



G055

**WAS \$45  
NOW \$35**  
each

## DIGITAL BENCH BALANCE

BEST SELLER

This precision 1000 x 0.01g balance comes supplied with a wind shield and a built-in bubble level to provide maximum accuracy. Powered by 4 x AA batteries (not included) or mains adaptor (included).



QM7264

**\$195**  
each

Prices do not include GST



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Order now by visiting our website [www.haines.com.au](http://www.haines.com.au)

## BIODEGRADABLE NITRILE GLOVES, 200/PACK

NEW

Made from synthetic rubber these eco friendly gloves offer the ultimate hand and environmental protection.

SIZE	DESCRIPTION	UNIT	PRICE \$
BNGS	Small Nitrile	box/200	19.00
BNGM	Medium Nitrile	box/200	19.00
BNGL	Large Nitrile	box/200	19.00

ALL SIZES

**\$19**  
box



omega

L101W

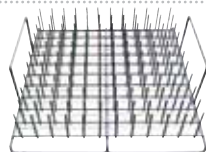
**\$725**  
each

## DISHWASHER - BENCH TOP

Compact design features the electronic control panel at the top of the door for easy selections. Comes with stainless steel interior.

44 x 55 x 50cm (L x W x H)

Connect directly to your tap Large 6 place capacity (42 pieces), 6 wash program options, Residual hot air drying, three-stage filtration cycle.



## DISHWASHER - TEST TUBE RACK

Holds up to 132 test tubes

CDCF6TT

WAS \$355  
NOW **\$260**  
each

## HOTPLATE, SINGLE

Portable Stainless Steel Electric cooktop hotplate. 1500 watts of heating power, 18.5cm hot plate, thermostat control, automatic safety shut-off with thermal fuse, power indicator light.

HP1

**\$63<sup>50</sup>**  
each



## POWER SUPPLY

BEST SELLER

2633001

WAS \$197  
NOW **\$158**  
each

For banana plugs and alligator clips, with front mounted on/off switch, overload trip. Output Range/Max : 2-12V AC, 2-12V DC/5A



## RADIOMETER

Experience this sphere powered by the sun! The vanes in the Radiometer alternate in dark and light colors. 16cm tall.

101800

**\$38**  
each



## LABORATORY COATS

BEST VALUE

Top quality, cotton polyester, press button studs. Available in white and navy blue.

### White

XX-Small	LCNXXS
X-Small	LCNXS
Small	LCNS
Medium	LCNM
Large	LCNL
X-Large	LCNXL
XX-Large	LCNXXL

WHITE

WAS \$27<sup>50</sup>  
NOW **\$25<sup>50</sup>**  
each

### Navy Blue

XX-Small	LCNXXSB
X-Small	LCNXSB
Small	LCNSB
Medium	LCNMB
Large	LCNLB
X-Large	LCNXLB
XX-Large	LCNXXLB

BLUE

WAS \$29  
NOW **\$25<sup>50</sup>**  
each

SCIENCE  
CLASSROOM  
ESSENTIAL!



OFFER  
ONLY FOR  
TERM 4!

## TEST TUBE, GRADUATED, GLASS, 150 X 18MM, PK/50

Graduated test tubes, 3.3 borosilicate glass, with rim. Sold as a pack of 50.

123207G

**\$59<sup>40</sup>**  
pk/50

## TEST TUBE, GRADUATED, GLASS, 150 X 24MM, PK/50

Graduated test tubes, 3.3 borosilicate glass, with rim. Sold as a pack of 50.

123212G

**\$97<sup>80</sup>**  
pk/50



## PLASTIC LABORATORY TRAY

Multipurpose laboratory trays are suitable for a range of applications, including washing, sterilizing, and drying glassware and other laboratory instruments. Moulded from heavy duty plastic and resistant to most chemicals.

ZL007

**\$23<sup>90</sup>**  
each



## LAB BOTTLE, GLASS, SCREW CAP

These transparent glass reagent bottles with screw-top lids are sure to keep your mixtures safe. Made from quality Borosilicate 3.3 Glass which resists chemical corrosion, and is resistant to sudden temperature changes.

CODE	VOLUME	UNIT	PRICE
RBSC50	50ml	each	6.90
RBSC100	100ml	each	6.50
RBSC250	250ml	each	6.90
RBSC500	500ml	each	9.80
RBSC1000	1000ml	each	12.90
RBSC2000	2000ml	each	28.10

FROM

**\$6.50**  
each



Prices do not include GST

**HAINES EDUCATIONAL** 1/82 Lewis Road, Wantirna South VIC 3152

1300 330 232 ✉ [sales@haines.com.au](mailto:sales@haines.com.au) 🌐 [haines.com.au](http://haines.com.au)







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P927  
**\$32<sup>50</sup>**  
per set

### RADIATION CANS, SET/3

Not all colours are created equal. Investigate how colour can influence absorbing and radiating energy. The cans are finished with black, white, and silver exteriors, so students can easily determine the effect of surface colour on heat transfer. Set of three 500mL metal cans with stoppers to accommodate thermometer (not included). Size: 23cm tall.

### LIGHT GUIDE

An "S" shaped acrylic bar used to demonstrate total internal reflection. Length: 22cm



P0587  
**\$16<sup>50</sup>**  
each

### LENZ LAW APPARATUS

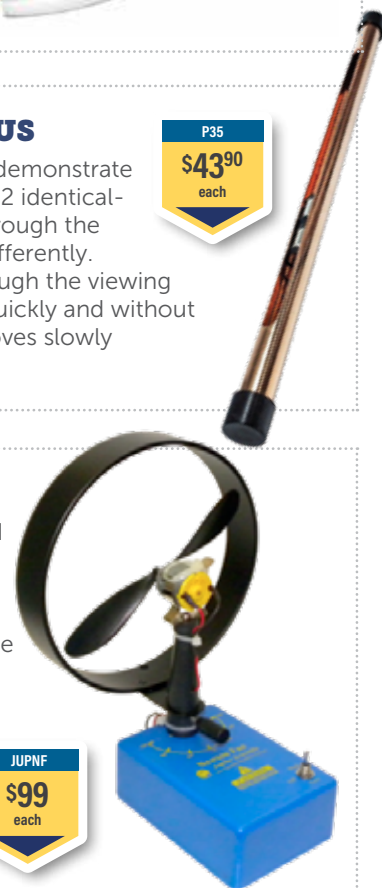
This apparatus allows you to demonstrate electric and magnetic forces. 2 identical-looking plugs are dropped through the copper pipe, but react very differently. As you watch them drop through the viewing window you will see 1 drop quickly and without resistance while the other moves slowly through the tube.

P35  
**\$43<sup>90</sup>**  
each

### NEWTON'S FAN

The Newton Fan may be used in conjunction with most dynamic carts or trolleys to not only verify Newton's Second Law (that the net force acting on a body is directly proportional to the mass of the body multiplied by its acceleration), but to also confirm that the law still applies when the mass or the propulsion force of the cart is varied.

JUPNF  
**\$99**  
each



### MULTIMETER DIGITAL

This is a full featured meter with plug-in 4mm probes AND transistor tester. This is the ideal first multimeter, and will give years of faithful service, in fact, you will only need to replace this meter if you require a unit with very high input impedance.

QM1500  
**\$17<sup>80</sup>**  
each



BEST  
SELLER

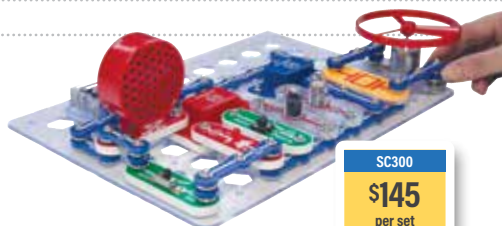
Over 60  
components

### SNAP CIRCUIT - SUPER

#### OVER 300 EXPERIMENTS

The components and connector system are creatively designed to facilitate and optimize learning by engaging students in a meaningful way with exciting projects.

Includes electronic projects book and guide.



SC300  
**\$145**  
per set

### METALS TEST KIT

Test for magnetism, heat, conductivity, hardness etc.

12 pieces, each  
stamped for  
identification

PH0798A  
**\$19<sup>50</sup>**  
each

BEST  
SELLER



### BALL & RING APPARATUS

Demonstrate the expansion and contraction of metal.

Brass - Gravesande's



BEST  
SELLER

0200001  
**\$21<sup>90</sup>**  
each

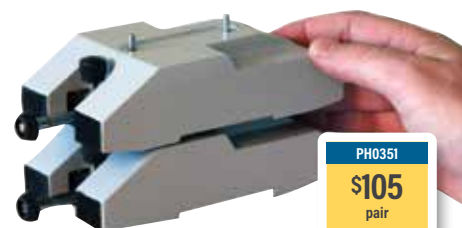
### DYNAMIC CART, METAL, PAIR

#### PERFECT FOR INCLINED PLANE & BENCHTOP EXPERIMENTS

Modern and compact, designed with robust metal bodies and wheels. Low friction wheel bearings with individual spring suspension. One end of the metal body carries an integral spring plunger/trigger system for explosion experiments, whilst the other end has a clamping screw for attaching ticker tape. Includes velcro pads for non elastic collisions and locating pins to permit secure stacking of trolleys.

Size: 150 x 78 x 50mm, 600g per cart.

BEST  
VALUE



STACKABLE

PH0351  
**\$105**  
pair



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Order now by visiting our website [www.haines.com.au](http://www.haines.com.au)

### ANIMAL KINGDOM SET

27 specimens in carry case (480 x 350mm). Includes: White-rumped Leaf Butterfly, Bat, Mantis, Dragonfly, Butterfly, Centipede, Cockroach, Cicada, Tortoise, Dung Beetle, Cricket, Stag Beetle, Fish, Housefly, Ant, Ladybug, Honeybee, Crab, Conch, Starfish, Shrimp, Shell, Spider, Earthworm, Grasshopper, Chafer, Scorpion.

These durable and clear specimens in lightweight acrylic provide students with a fascinating insight into animal life.



B1707

**\$350**  
each

### LARGE DNA MODEL

A super-sized plastic DNA model, pre-assembled and built to a scale of 10cm to 1nm. Stands over 60cm tall!



B02018

**\$135<sup>80</sup>**  
each



VCE(L)

**\$355**  
each

### VCE (L)

- Incident & transmitted light
- Widefield 10x eyepiece
- 2 objectives: 2x, 4x
- 20x, 40x magnification
- Parfocal & parcentered objectives
- Rubber eyecups

### STEREO DELUXE (L)

- Incident & transmitted light
- Widefield 10x eyepiece
- 2 objectives: 2x, 4x
- 20x, 40x magnification
- Parfocal & parcentered objectives
- Rubber eyecups

DELUXE(L)

**\$425**  
each



### MULTI-TEST PH METER

Meter, waterproof, with pH/conductivity/TDS/salinity/temp, comes complete with relevant electrodes, batteries and operational instructions.

pH Range/Resolution: 1 to 15 pH, 0.01 pH  
EC Range/Resolution: 0-2000  $\mu$ S, 2- 20mS / 0.1  $\mu$ S, 1  $\mu$ S, 0.01mS  
TDS Range/Resolution: 0-1000 ppm, .1-10 ppt / 0.1ppm, 1ppm, 0.01ppt  
Salinity Range/Resolution: 0-10 ppt, 0.10 ppt  
Temperature Range/Resolution: 0 to 60°C, 0.1°C

ELITEPCTS

**\$435**  
each



### PUMPING HEART

4-chamber working model. A 3D working plastic heart model with clear chambers on a display stand. Squeeze bulb pump simulated blood through clear heart chambers just like real one. Size: 140 x 140 x 175mm. Includes instruction manual.

MK019

**\$42**  
each



### HOFFMAN VOLTAMETER, ACRYLIC

NEW COMPACT PLASTIC, STAINLESS STEEL DESIGN, AUSTRALIAN MADE

New design with all the classic features of a glass Hoffman Voltmeter. Safer and easier to store, minus the breakages. Includes instructions and a pair of platinum electrodes (spares available).

GE1760

**\$248**  
each



### GLOW GERM KIT

Glo Germ is a fantastic product which safely and graphically demonstrates how germs are spread. Glo Germ consists of an odourless lotion and powder which glows brightly when exposed to ultraviolet light. Perfect for your health curriculum.

1x battery operated ultraviolet light, 17cm length

- 1x 240ml bottle of lotion (good for 75 to 100 applications)
- 1x 120ml bottle of powder
- 4x "AA" batteries

GL0210

**\$189**  
per set

