DURATION & COST

Our memorable science sessions come to you. No bus hire, and other costs associated with excursions! Most of our session topics are available in either a 60 or 90 minute format to easily fit around your school timetable.

Costs are calculated per session for a class of up to 30 students.
Unless otherwise stated, the workshop prices are as follows:

$235 for a 60 minute workshop plus GST
$290 for a 90 minute workshop plus GST

There is a minimum booking of 3 x 60 minute workshops or 2 x 90 minute workshops – or their cost equivalent. There are cost-saving options available, like splitting 4 classes between 3 sessions. Contact our office for further information on costs, availability and session topics.

Workshops delivered to schools in outer regions incur travel costs. Multiple topics in one day incur a surcharge.

We ask that teachers help with the supervision of sessions: you might be surprised with what you learn too. A perfect professional development opportunity!

KINDERGARTEN SESSIONS

Based on a developmental approach suited to pre-school children, six workstations are set-up to engage children in a variety of open-ended science activities. Science themes such as magnetism, electricity, chemistry, forces, light & colour, and minibeasts are incorporated. Children use the materials and activities at their own pace, supported by the presenter and kindergarten staff. Parent helpers are encouraged, ideally one adult per workstation during a session.

The cost for a group of up to 30 students is:

- $360 for a single 60 or 90 minute kindergarten workshop plus GST
- $290 for two or more consecutive 60 or 90 minute kindergarten workshops plus GST

Why Choose Us?

- Seriously fun, and engaging
- Led by science teaching specialists
- Packed full of hands-on experimenting
- Aligned with curriculum outcomes

Mad About SCIENCE
IN SCHOOLS Seriously Fun!

Mad About SCIENCE
IN SCHOOLS Seriously Fun!

THE POWER OF THE DEEP BLUE

BOOK A WORKSHOP & MORE INFO

PO Box 247, Vermont, VIC, 3133
1A/981 Mountain Hwy, Boronia, VIC, 3155
1300 302 441 (Mon to Fri 9:30 till 3pm)
info@madaboutscience.com.au
www.madaboutscienceincursions.com.au

2020 PRIMARY SCHOOL SCIENCE WORKSHOPS & INCURSIONS

— Now in NSW and QLD! —

www.madaboutscienceincursions.com.au
Call Us **1300 302 441** Mon to Fri 9:30 till 3pm
Inquire by email **info@madaboutscience.com.au**

Mad About Science IN SCHOOLS *Seriously Fun!*

Primary School Science Workshops & Incursions

In 2020, our seriously FUN workshops will be available in VIC, QLD & NSW!

Our quality science incursions are aligned with the Curriculum, and blend enticing class demonstrations with hands-on experiments to facilitate genuine learning.

Our expert workshop facilitators present a range of incursion topics encompassing biological, chemical, Earth & space, and physical sciences as well as STEM workshops, from foundation to level 6. During our sessions students develop critical and creative thinking skills, they will ask questions, make predictions and draw conclusions using scientific methods.

The 2020 National Science Week Theme is Deep Blue: Innovations for the future of our oceans. Our new workshop The Power of the Deep Blue has been developed around this theme.

CHEMICAL SCIENCES

CHEMISTRY CHAOS - Foundation to Level 6

Colour changes, smoke, fizz and foam! Everything in our world is made-up of chemicals: explore interesting polymer chemicals, chemical reactions, reversible physical changes and more. Available in a junior or senior format. **VIC, NSW, QLD**

THE MATTER OF MATTER - Level 3 to 6

Use the magic of dry ice to explore the three common states of matter - solids, liquids and gasses. From everlasting bubbling fountains to cool chemical fire extinguishers. This session matters! Available in a 90 minute format only. Incurs a $45 per day dry ice surcharge. **VIC, NSW, QLD**

FORENSIC DETECTIVE - Level 3 to 6

Can you crack the case and catch the thief!? Use real forensic science techniques, like PH tests, ink chromatography, glow chemicals, and fingerprint dusting to pin point the culprit. Available in a 90 minute format only. **VIC, NSW, QLD**

SUPER BUBBLE SCIENCE - Foundation to Level 2

Bubbles are more than trapped air in a film of soapy water. Their exact spherical shape and swirling rainbow colours make them a wonder of science. By this session's end, you'll be a true bubblogist. **VIC, NSW, QLD**

KITCHEN CHEMISTRY - Foundation to Level 2

A fun food workshop challenging you to think about everyday food in a whole new way. Experiment with a variety of food-related chemicals, and you even get to take home a bag of sweet, tongue tingling sherbet! **VIC, NSW, QLD**

MATERIAL SCIENCE - Foundation to Level 6

Explore the world around you - sort, classify and test the physical properties of natural and processed materials. Discover how materials can change physically as well as chemically. Mix a material concoction for a purpose, explore the effect of heat on materials, material waste and remake a material into a new product. **VIC, NSW, QLD**

PHYSICAL SCIENCES

FORCES IN ACTION - Foundation to 6

From an apple falling to the ground to a car rolling to a halt, forces are constantly at work. Explore gyroscopes, flying tops, friction and inertia during this stimulating, hands-on look at how things move, and why! Available in a junior or senior format. **VIC, NSW, QLD**

ROCKET SCIENCE - Level 3 to 6 NEW!

Brace yourself – we have some exciting rocket science in-store for you! Explore principles of rocket propulsion and the forces involved. Build a sextant in preparation for the grand finale: a water rocket launch up to 30 meters high! Available in a 90 minute format only. **VIC, NSW, QLD**

LIGHT AND SOUND - Foundation to Level 2

Make some waves, and colour your classroom with rainbows. Using a sensory approach learn all about the properties and transmission of light and sound energy. **VIC, NSW, QLD**

ELECTRICAL BUZZ - Foundation to Level 6

Lights, noise and airborne propellers. Use snap circuit kits to build exciting circuits using a variety of electrical components including switches, LEDs, resistors and integrated sound circuits. Explore electric motors, electromagnets, dynamos, and energy transformations. Includes a demonstration of how electricity is produced from sun light. **VIC, NSW, QLD**

SIMPLE MACHINES - Level 3 to 6

Launch projectiles with D.I.Y catapults, watch motorized gears turn to speed things up, and lift friends off the ground with a super-sized lever. An engaging look at how simple machines make our life easier, now, and in the past. Available in a 90 minute format only. **VIC**

LIGHT & COLOUR - Foundation to Level 2

An engaging investigation into the colourful properties of light. Create rainbows, use chromatography to separate colour in ink, mix colour with light filters and test a whole host of optical instruments. **VIC, NSW, QLD**

TOY TECHNOLOGY - Foundation to Level 2

Be immersed in the wonderful science of toys. Explore energies, materials, movement and sound. Spin some colour, use magnets to draw, and even make your very own balancing toy to take home. Play has never been so educational! **VIC, NSW, QLD**

LIGHT REFLECTIONS - Level 3 to 6

This senior primary workshop takes an in-depth look at the properties of light - within and outside the visible spectrum. Get hands-on with a variety of interesting optical instruments, explore UV light and make a UV detection key chain to keep, watch light energy transform, discover different ways to produce light, including chemiluminescence, and more! **VIC, NSW, QLD**

HEAT & ENERGY - Level 3 to 6

Explore the properties of heat and other energies in a fun way. Produce useful heat energy in a multitude of ways, including through friction, motion, electrically and chemically. Transfer heat through conduction, measure it and explore the amazing ways in which heat can generate change. **VIC, NSW, QLD**

BIOLOGICAL SCIENCES

LIVING THINGS - Foundation to Level 6

This workshop is full of life. Explore objects that have self-sustaining processes like plants, animals and mirco-organisms. Through engaging hands-on activities learn about the difference between living and non-living things, simple life cycles and the bigger picture. Available in a junior or senior format. **VIC, NSW, QLD**

SENSES - Foundation to Level 2

The five senses are given a workout in this engaging session. They are tested, tricked and more. **VIC, NSW, QLD**

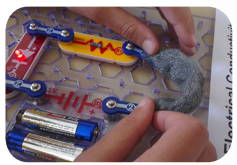
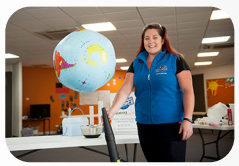
THE HUMAN BODY - Level 3 to 6

Take a journey through the human body, and explore its parts and systems. Perform chemical experiments to understand digestion, think quick and test reaction speeds, use stethoscopes to listen to the rhythmic beat of your heart. Learn how we are all connected, and made of the stuff of stars! **VIC, NSW, QLD**

EARTH & SPACE SCIENCES

WICKED WEATHER - Foundation to Level 2

Air in the atmosphere is always on the move, carrying clouds, rain, and snow around the globe. Model and experiment with these air and water movements; and even erupt your own flurry of snow. **VIC, NSW, QLD**

NATURAL DISASTERS - Level 3 to 6

Explore the scientific processes behind the explosive energy of nature's fury. **VIC, NSW, QLD**

GLOBAL SUSTAINABILITY - Level 1 to 6

The phenomenal population boom in recent times has put the Earth's resources under considerable strain. Learn how we can better manage waste and the Earth's life sustaining resources to build a better future for all. **VIC, NSW, QLD**

EARTH & THE MILKY WAY - Level 3 to 6

Space is a vacuum but it is far from empty. During this fascinating workshop you'll launch into space and explore planets, moons, stars and galaxies. Follow in the footsteps of the great astronomers as you probe the mystery, scale and Earth's place in the universe. **VIC, NSW, QLD**

ROCKS & GEOLOGY - Level 3 to 6

It is written in the rocks. Read the changing story of Earth and the impact of humans through the pages of rocks. Cast your own fossil, explore and classify rocks and minerals, investigate the characteristics of soil, model the layers of earth, create some explosive lava flows. Everything to enthuse young geologists! **VIC**

WATER & THE ENVIRONMENT - Foundation to Level 4

Water is essential to life, and is our most precious resource. We use it to drink, for cooking, washing and hygiene, recreation, industry and agriculture. During this workshop students develop an understanding and appreciation of the importance and special properties of water. **VIC, NSW, QLD**

STEM – Science, Technology, Engineering & Mathematics

THE POWER OF THE DEEP BLUE - Foundation to Level 6 NEW!

Our oceans are teeming with life in various marine environments. They are the heritage, heart and economic future of our country. This workshop takes a deep dive into sustainable seafood and renewable energy production for a marine nation. Available in a junior or senior format. **VIC, NSW, QLD**

BEEBOT ROBOTICS - Foundation to Level 2

An introduction to robots and programming for younger students. With an intuitive interface, colourful beebot will have learners excited about simple sequencing and directional language. **VIC**

mBOT ROBOTICS PROGRAMMING - Level 3 to 6

Meet friendly mBOT, a STEM educational robot to learn coding and robotics. Drag-and-drop graphical programming makes learning Arduino easy and crazy-fun! Available in a 90 minute format only at $380 plus GST per session. **VIC**

CIRCUIT BOARD ELECTRONICS - Level 5 to 6

Solder electronic components onto specially-designed circuit boards. Take home your own working electronic device like an alarm, lie detector or game. Maximum 20 students. Available in a 90 minute format only at $480 plus GST per session. **VIC**

3D DRAWING - Level 1 to 6

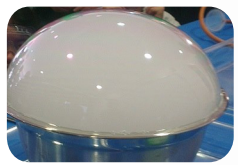
This STEM workshop has you inventing and creating in 3D. Using 3D pen technology, design your own plastic model to take home. **VIC**

MAD SCIENCE SHOW - Level 1 to 6

A jam-packed 60 min show of BIG WOW! science madness! There's giant smoke vortices, levitating beach balls, flying toilet paper, flour fire-balls, hair-raising electricity, and lots of learning! Suitable for up to 180 students. Price $650 plus GST. **VIC, NSW, QLD**

REACTIVE CHEMISTRY SHOW - Foundation to Level 6 NEW!

Watch chemicals react in a big way! See impressive colour changes, smell invisible gasses and hear some oh-mighty noises. Learn about the conversion of reactant molecules to products and the energy changes involved, all while watching shooting foam, hissing fire, and cool blue light. Reactive chemistry at its exciting best! Price $710 plus GST. **VIC, NSW, QLD**



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