



Mad About SCIENCE

2024
PRIMARY SCHOOL
SCIENCE
WORKSHOPS,
INCURSIONS,
+ BIG SHOWS

**BOOK
NOW!**

Seriously Fun!

- Professional development opportunity
- Seriously fun, hands-on & engaging
- Led by science teaching specialists
- Various themes & topics
- Programs can be tailored

**OPERATING STATEWIDE
CURRICULUM ALIGNED**



**TAKE A LOOK AT OUR
NEW SHOWS!**

**BOOK FROM A HUGE
RANGE OF TOPICS!**

madaboutscienceincursions.com.au

1300 302 441

BIOLOGICAL SCIENCES



LIVING THINGS FOUNDATION TO LEVEL 2

Take an expedition into the world of living things! Learn how to identify the living from the non-living, and the features that make each animal perfect for its niche. Investigate life cycles and adaptations, and sense and see the world the way animals do. Finally, meet real life mini-beasts, including building your own class worm farm!

LIVING THINGS LEVEL 3 TO 6

Understand how the amazing diversity of organisms fit together in a food web of producers, consumers and decomposers. Learn about the threats that our spectacular biodiversity faces thanks to climate change and other factors, and finally, encounter amazing, real-life mini-beasts!

SENSES FOUNDATION & KINDER | 60 mins only

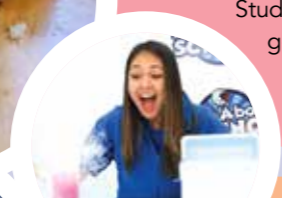
The five senses are given a workout in this engaging session. They are tested, tricked and more.

THE HUMAN BODY LEVEL 3 TO 6 | STAGE 2 & 3

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're all connected and how we're made of stars!

PLANT POWER FOUNDATION TO LEVEL 6 KINDER TO STAGE 3

Follow the life cycle of plants and explore the crucial role they play in the ecosystem of living things here on Earth. Learn how plants get energy and resources from their surroundings, grow from seeds, how they reproduce and survive in all kinds of environments!



'SERIOUSLY FUN, HANDS-ON AND ENGAGING'

Sir Isaac Newton

EARTH + SPACE SCIENCES

SPECIES SURVIVAL- BEYOND SUSTAINABILITY FOUNDATION TO LEVEL 6

Explore and celebrate innovative ways that real life scientists are tackling problems leading to species decline. Students will delve into the exciting world of scientific breakthroughs; exploring advancements in enzymatic recycling, artificial intelligence, biodegradable products and citizen science.

NEW!

2024 NATIONAL SCIENCE WEEK THEMED

WICKED WEATHER FOUNDATION TO LEVEL 2 KINDER & STAGE 1

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.

NATURAL DISASTERS LEVEL 3 TO 6 | STAGE 2 & 3

Explore the scientific processes behind what whips up wild winds, elicits explosive eruptions and triggers titanic tidal waves in this exploration of nature's fury.

EARTH & THE MILKY WAY LEVEL 3 TO 6 | STAGE 2 & 3

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

WATER & THE ENVIRONMENT FOUNDATION TO LEVEL 4 | KINDER TO STAGE 2

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.

A SUSTAINABLE WORLD LEVEL 3 TO 6 | STAGE 2 & 3

Explore how human actions have placed Earth's resources under immense strain. Learn how we can manage waste and Earth's life sustaining resources to build a better future for all. Students discover clean, green energy and engage in generating usable electricity to illuminate lights and run a fan! Let's work together to make a positive impact in the world.

STEM SCIENCE, TECHNOLOGY ENGINEERING, MATHS

PROGRAM-A-BOTS FOUNDATION TO LEVEL 2

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

INVENTING THE FUTURE- TECHNOLOGY & ARTIFICIAL INTELLIGENCE LEVEL 3 TO 6 | STAGE 2 & 3

Technology ignites innovation and advancements in industry. Students explore innovation over time, and engage in activities to understand how technology including Artificial Intelligence (AI) works.

CHEMICAL SCIENCES

CHEMISTRY CHAOS FOUNDATION TO LEVEL 6 KINDER TO STAGE 3

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.

THE MATTER OF MATTER LEVEL 3 TO 6 | STAGE 2 & 3 90 mins only

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. Incurs a \$60 per day dry ice surcharge.

FORENSIC DETECTIVE LEVEL 3 TO 6 | STAGE 2 & 3 | 90 mins only

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 pinpoint the culprit.

KITCHEN CHEMISTRY FOUNDATION TO LEVEL 2 KINDER & STAGE 1

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

MATERIAL SCIENCE FOUNDATION TO LEVEL 3 | KINDER TO STAGE 2

Sort, classify and test the physical properties of natural and processed materials, and how they can change physically as well as chemically. Explore the effect of heat on materials, material waste and remake a material into a new product.

PHYSICAL SCIENCES

FORCES IN ACTION FOUNDATION TO 6 | KINDER TO STAGE 3

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 hands-on look at how things move and why!

ELECTRICAL BUZZ FOUNDATION TO LEVEL 6 | KINDER TO STAGE 3

Use snap circuit kits to build exciting circuits using electrical components such as 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.

SIMPLE MACHINES LEVEL 3 TO 6 | STAGE 2 & 3 | 90 mins

Launch projectiles with D.I.Y catapults, watch motorised 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.

TRY OUR HUGE POPULAR BIG SCIENCE SHOWS

BIG SCIENCE SHOWS

MAD SCIENCE SHOW FOUNDATION TO LEVEL 6 | KINDER TO STAGE 3 UP TO 220 STUDENTS

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! We also offer a 'No fire or smoke' option. Price \$995 plus GST.

LIQUID NITROGEN SHOW 60 mins | FOUNDATION TO LEVEL 6 | UP TO 220 STUDENTS

Learn all about the states of matter and what happens when we heat things up and cool things down with super cool liquid nitrogen. Lots of ice breaking volunteer moments, chilling demonstrations and even a frosty explosion - learn about reversible and irreversible reactions with us! Price \$1295 plus GST.

COSMIC CHEMISTRY **NEW!** 60 mins | FOUNDATION TO LEVEL 6 | KINDER TO STAGE 3 UP TO 220 STUDENTS

Get ready for a Cosmic Chemistry extravaganza! Experience the thrill of materials transforming through eruptions, colour changes, and captivating sounds. This is a must-see spectacle! Contact us to discover more. Price \$1695 plus GST.

TOY TECHNOLOGY FOUNDATION TO LEVEL 2 | KINDER & STAGE 1

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.

LIGHT & SOUND FOUNDATION TO LEVEL 2 | KINDER & STAGE 1

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.

LIGHT REFLECTIONS LEVEL 3 TO 6 | STAGE 2 & 3 VIC & QLD ONLY

This workshop takes an in-depth look at the properties of light within and outside the visible spectrum. Get hands-on with 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!

HEAT & ENERGY LEVEL 3 TO 6 | STAGE 2 & 3

Produce useful heat energy in a multitude of ways, including through friction, motion, electrically and chemically. Transfer heat through conduction – measure it and explore amazing ways in which heat can generate change.



WHY CHOOSE MAD ABOUT SCIENCE?

ABOUT US We offer a range of in-class science workshops and incursions which are delivered directly to you. We have teams of qualified science teaching professionals in Sydney, Melbourne and Brisbane available right now! 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.

DURATION AND 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:

\$390 for a 60 minute workshop plus GST
 \$490 for a 90 minute workshop plus GST
 *excludes holiday workshops, early learning workshops, shows and secondary shows.

Bookings also incur travel surcharges. Multiple topics in one day incur a surcharge. 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.

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

Contact our office for further information on costs, availability and session topics.

EXPERT FACILITATORS

CURRICULUM ALIGNED

PROFESSIONAL DEVELOPMENT HOURS

CATEGORY	PROGRAM	Kindergarten (3-5yrs)	Prep/Foundation	Gr1+2 / Stage 1	Gr3+4 / Stage 2	Gr5+6 / Stage 3
Big Science Shows	Mad Science Show		•	•	•	•
	Liquid Nitrogen Show		•	•	•	•
	Cosmic Chemistry NEW!		•	•	•	•
Chemical Sciences	Chemistry Chaos		•	•	•	•
	The Matter of Matter <i>90 mins</i>				•	•
	Forensic Detective <i>90 mins</i>				•	•
	Kitchen Chemistry		•	•		
	Material Science		•	•	• (Gr3)	
Physical Sciences	Forces in Action		•	•	•	•
	Electrical Buzz		•	•	•	•
	Simple Machines <i>90 mins only</i>				•	•
	Toy Technology		•	•		
	Light & Sound		•	•	•	
	Light Reflections				•	•
	Heat & Energy				•	•
Biological Sciences	Living Things		•	•	•	•
	Senses <i>60 mins only</i>		•			
	The Human Body				•	•
	Plant Power		•	•	•	•
Earth & Space Sciences	A Sustainable World				•	•
	Wicked Weather		•	•		
	Natural Disasters				•	•
	Earth & The Milky Way				•	•
	Water & the Environment		•	•	•	•
	Species Survival - Beyond Sustainability <i>60 & 90 mins</i> NEW!		•	•	•	•
STEM: Science, Technology, Engineering & Mathematics	Inventing the future, technology & AI				•	•
	Program-A-Bots		•	•		
Holiday Programs	Mad Science		•	•	•	•
	Science Fun Lab		•	•	•	•
	Harry Potter Science		•	•	•	•
	Fantastic Forces		•	•	•	•
	Forensic Detective				•	•
Early Learning (3-5 years)	Introductory Early Learning Science Workshop	•				
	Program-A-Bots	•				
	Living Things	•				
	Kitchen Chemistry	•				
Parties	Science party			•	•	•