



# Mad About SCIENCE

*Seriously Fun!*

2025  
**PRIMARY SCHOOL**  
**SCIENCE**  
**WORKSHOPS,**  
**INCURSIONS**  
**+ BIG SHOWS**

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

**CURRICULUM ALIGNED**  
**OPERATING THROUGHOUT:**  
**VIC** **NSW** **& QLD**

[madaboutscienceincursions.com.au](http://madaboutscienceincursions.com.au)

1300 302 441



## BIOLOGICAL SCIENCES



### LIVING THINGS - JUNIOR

FOUNDATION TO YEAR 2 | KINDER & STAGE 1

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 a classroom worm farm!

### LIVING THINGS - SENIOR

YEAR 3 TO 6 | STAGE 2 & 3

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 due 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

YEAR 3 TO 6 | STAGE 2 & 3 | VIC & NSW

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, and use stethoscopes to listen to the rhythmic beat of your heart!

### PLANT POWER

YEAR 2 TO 6 | STAGE 1 TO 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

### WICKED WEATHER

FOUNDATION TO YEAR 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

YEAR 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 - JUNIOR

FOUNDATION TO YEAR 2 | KINDER & STAGE 1

Join us for a space adventure where we'll discover what's in the night sky, learn about seasons, launch rockets and dive into space exploration! Students will get to make expanding universe slime.

### EARTH & THE MILKY WAY - SENIOR

YEAR 3 TO 6 | STAGE 2 & 3

The vacuum of space is far from empty. Launch into space, dock with the ISS, and explore the order and scale of the planets. Discover Earth's place in our universe, and the curved space-time of Einstein. See the wonders of the night sky, seasons and Moon phases.

### WATER & THE ENVIRONMENT

FOUNDATION TO YEAR 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

YEAR 3 TO 6 | STAGE 2 & 3 | VIC ONLY

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 YEAR 2 | VIC ONLY

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.

### ROBOTICS & CODING

YEAR 1 TO YEAR 6 | STAGE 1 TO STAGE 3 | VIC & NSW

Students will be kept engaged while working in pairs to build and program real robots. This exciting workshop uses a pen-and-card based programming system, so no computers are required. \*Contact us for pricing

### INNOVATION & TECHNOLOGY

YEAR 3 TO 6 | VIC ONLY

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 YEAR 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 YEAR 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 an \$80 per day dry ice surcharge.*

### FORENSIC DETECTIVE YEAR 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 YEAR 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 YEAR 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 YEAR 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 YEAR 3 TO 6 | STAGE 2 & 3

Use snap circuit kits to build circuits using electrical components such as switches, LEDs, resistors and integrated sound circuits. Explore electric motors, electromagnets, dynamos, and energy transformations. See how electricity is produced from sun light.

### SIMPLE MACHINES YEAR 3 TO 6 | 90 mins only | VIC ONLY

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  
HUGELY POPULAR  
BIG SCIENCE  
SHOWS

## BIG SCIENCE SHOWS

### MAD SCIENCE SHOW FOUNDATION TO YEAR 6 | KINDER TO STAGE 3 UP TO 240 STUDENTS

A jam-packed 60 minute show of BIG WOW! Science madness! There are 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 upon request.*

### LIQUID NITROGEN SHOW FOUNDATION TO YEAR 6 | UP TO 240 STUDENTS | VIC ONLY

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 in this exciting 60 minute show!

### COSMIC CHEMISTRY YEAR 1 TO 6 | STAGE 1 TO STAGE 3 | UP TO 240 STUDENTS | VIC & NSW

Get ready for a Cosmic Chemistry extravaganza! Experience the thrill of materials transforming through eruptions, colour changes, and captivating sounds. This 60 minute show is a must-see spectacle! Contact us to discover more.

### TOY TECHNOLOGY FOUNDATION TO YEAR 2 | KINDER & STAGE 1

Be immersed in the science of toys. Explore energies, materials, movement and sound. Spin some colour & use magnets to draw.

### SOUND SENSATION FOUNDATION TO YEAR 3 | VIC ONLY

Tune into the science of sound! From whispering secrets to booming beats, you'll discover how we use vibrations to communicate. Listen up as we explain the physics of sound.

### LIGHT & SOUND FOUNDATION TO YEAR 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 YEAR 3 TO 6 | VIC & QLD ONLY

Take a look at the properties of light. Get hands-on with optical instruments, explore UV light and make a UV detection band to keep, watch light energy transform, discover different ways to produce light, including chemiluminescence and more!

### HEAT & ENERGY YEAR 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, and explore how 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:

\$410 for a 60 minute workshop plus GST  
 \$510 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 (VIC, NSW, QLD)		•	•	•	•
	Liquid Nitrogen Show (VIC)		•	•	•	•
	Cosmic Chemistry Show (VIC, NSW)			•	•	•
Chemical Sciences	Chemistry Chaos (VIC, NSW, QLD)		•	•	•	•
	The Matter of Matter (VIC, NSW, QLD)				•	•
	Forensic Detective (VIC, NSW, QLD)				•	•
	Kitchen Chemistry (VIC, NSW, QLD)		•	•		
	Material Science (VIC, NSW, QLD)		•	•	• (Gr3)	
Physical Sciences	Forces in Action (VIC, NSW, QLD)		•	•	•	•
	Electrical Buzz (VIC, NSW, QLD)				•	•
	Simple Machines (VIC)				•	•
	Toy Technology (VIC, NSW, QLD)		•	•		
	Sound Sensation (VIC)		•	•	• (Gr3)	
	Light & Sound (VIC, NSW, QLD)		•	•		
	Light Reflections (VIC, QLD)				•	•
Biological Sciences	Living Things (VIC, NSW, QLD)		•	•	•	•
	Senses (VIC, NSW, QLD)		•			
	The Human Body (VIC, NSW)				•	•
	Plant Power (VIC, NSW, QLD)			• (Gr2)	•	•
Earth & Space Sciences	A Sustainable World (VIC)				•	•
	Wicked Weather (VIC, NSW, QLD)		•	•		
	Natural Disasters (VIC, NSW, QLD)				•	•
	Earth & The Milky Way (VIC, NSW, QLD)		•	•	•	•
	Water & the Environment (VIC, NSW, QLD)		•	•	•	
STEM: Science, Technology, Engineering & Mathematics	Program-A-Bots (VIC)		•	•		
	Robotics & Coding (VIC, NSW)			•	•	•
	Innovation & Technology (VIC)				•	•
Holiday Programs	Mad Science (VIC, NSW, QLD)		•	•	•	•
	Space Jam (VIC, NSW, QLD)		•	•	•	•
	Science Fun Lab (VIC)		•	•	•	•
	Harry Potter Science (VIC, NSW, QLD)			•	•	•
	Fantastic Forces (VIC, NSW, QLD)		•	•	•	•
	Forensic Detective (VIC, NSW, QLD)				•	•
Early Learning (3-5 years)	Introductory Early Learning Science Workshop (VIC, NSW, QLD)	•	•			
	Program-A-Bots (VIC)	•				
	Living Things (VIC, NSW, QLD)	•				
	Kitchen Chemistry (VIC, NSW, QLD)	•				
Parties	Science party (VIC, NSW, QLD)		•	•	•	•