

## Science Shows

Science shows are designed for groups of 50 or more students to watch engaging science demonstrations. An indoor venue with appropriate seating is required, with 2 tables and one power point (projector screen preferred but not essential). Minimum session costs are \$200 (incl GST) for 50 students, and extra students are \$4 each.



### I Want To Be A Scientist

Reception to Year 2

45-minute show

What is a scientist and what do they do? Some scientists work indoors and some work outdoors. Use your science tools (senses) to make observations about experiments that you can try at home or in the classroom.

### Energy and Sustainability

Year 2 to 4

60-minute show

Celebrate the 2012 International Year of Sustainable Energy For All. What is energy and how do we use it? Find out how fossil fuels are made and used, and using Earth's resources sustainably.



### Chemistry

Year 5 to 9

60-minute show

What are chemicals? Make observations of physical reactions and chemical reactions. Find out about changes in solids, liquids and gases, as well as indicators, acids and bases. Introduction to atoms and molecules.

Please note: fire experiments included in this show. Please isolate fire alarms and have extinguishers available.

# SciWorld

For pictures, videos, up-to-date programs and Australian Curriculum links please visit [www.sciworld.org.au](http://www.sciworld.org.au)



## StarDome

Reception to Year 9

45 minutes for a maximum of 30 students

Crawl inside our mobile planetarium and discover the universe around you. Topics covered can include day and night, seasons, stars, planets, solar system, gravity, phases of the moon, and constellations.

Please note: StarDome requires an indoor space 7 metres x 7 metres with an unobstructed ceiling height of 3.2 metres, and one power point.

## Maths Workshops

### Minimaths

Reception to Year 2

60 minutes for 30 students

An interactive maths story involving puzzles and sorting.



### Mathemania

Year 3 to 7

90 minutes for 30 students

Introduction to topology and binary, then students work in groups with puzzles involving numeracy, shape, logic and problem solving.

## Science Hands-on Workshops for 30 students

### Science Role Play

Reception and Year 1 - 60 minutes  
Explore, measure, sort and classify as you try different tools and clothing.



### I Want To Do Science

Reception to Year 2 - 60 minutes  
What is a scientist and what do they do? Explore some experiments that you can try at home or in the classroom.

### Light and Sound

Reception to Year 3 - 60 minutes  
How do we see? How do we hear? Find out about lenses, reflections and vibrations.

### Heat

Year 3 and 4 - 90 minutes  
Learn about heat and how it changes solids, liquids and gases.

### Electric Circuits

Year 4 to 7 - 60 minutes  
Investigate how electricity travels and build some electric circuits including conductors, insulators, lights and sounds.

### Robotics

Year 4 to 9 - 90 minutes  
Work in teams to predict, test and evaluate. Program your robot to move, talk, fetch a ball and interact with its environment. Laptops, robots and programming lesson included.

### Chemistry Hands-on

Year 5 to 9 - 90 minutes  
Discover reactions and changes in solids, liquids and gases.



### Sustainable Energy

Year 6 to 9 - 60 minutes  
Generate electricity from a variety of sources, including wind, solar and people power.



SciWorld is a not-for-profit science outreach organisation based in Adelaide. We are committed to providing access to science experiences throughout South Australia with science shows and hands-on experiments.

Join us for free SciWorld Sunday family science fairs.

Please visit our website for pictures, videos, links to the Australian Curriculum and updated programs.

[www.sciworld.org.au](http://www.sciworld.org.au)

### Science Explorers 90 mins \$198

Ages 3 and a half to 5, for up to 25 children.

What is science all about? Designed especially for Child Care Centres, Pre-Schools and Kindergartens. A great mix of science concepts with lots of activities for touching, looking, hearing and smelling. If you have an outdoor area we can also make bubbles and do some measuring.



### Science Birthday Parties

for up to 20 children, doing hands-on chemistry, slime, bubbles and rockets. 90 mins \$330

### Teacher Professional Development Workshops

2 hours of hands-on Physics and Chemistry experiments with hints, tips and a take-home kit. \$55 per teacher for 10 to 20 teachers per session.

2012 Session Fees (including GST)

#### Science Shows

\$200 for up to 50 students.  
Additional students \$4 each.

I Want To Be A Scientist	R 1 2	45 mins	\$200
Energy and Sustainability	2 3 4	60 mins	\$200
Chemistry	5 6 7 8 9	60 mins	\$200

#### StarDomes for up to 30 students.

StarDome needs an unobstructed ceiling height of 3.2 metres with floorspace 7m x 7m.

StarDome	R 1 2 3 4 5 6 7 8 9	45 mins	\$132
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#### Hands-On Workshops for up to 30 students

Science Role Play	R 1	60 mins	\$132
I Want To Do Science	R 1 2	60 mins	\$132
Light and Sound	R 1 2 3	60 mins	\$132
Heat	3 4	90 mins	\$198
Electric Circuits	4 5 6 7	60 mins	\$132
Robotics	4 5 6 7 8 9	90 mins	\$198
Chemistry	5 6 7 8 9	90 mins	\$198
Sustainable Energy	6 7 8 9	60 mins	\$132
Minimaths	R 1 2	60 mins	\$132
Mathemania	3 4 5 6 7	90 mins	\$198

15% discount for multi-day bookings. Choose any combination of sessions to cover the minimum daily booking fee:

\$385 for schools in Adelaide;  
\$550 for schools outside Adelaide (check our Regional touring schedule online).

Contact us (email preferred):  
[info@sciworld.org.au](mailto:info@sciworld.org.au); (08) 8302 3046.

#### Requirements

We need a parking space for the van for the duration of your booking as well as set up and pack up time (between 30 and 90 minutes depending on programs chosen). Ramp access is required to unload the van.



### Educational Science Shows and Hands-On Workshops

2012: UN International Year of Sustainable Energy For All

[www.sciworld.org.au](http://www.sciworld.org.au)

