



national science week 2015
15-23 August www.scienceweek.net.au



making waves
THE SCIENCE OF LIGHT

This Inspiring Australia initiative is supported by the Australian Government as part of National Science Week



An Australian Government Initiative



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GET INVOLVED IN SCIENCE WEEK!

National Science Week provides a chance to focus on the impact science, engineering, technology and mathematics has on our lives, our economy, our society and our world.

In schools around the nation, thousands of teachers and students from early childhood to senior secondary will join in the National Science Week celebrations by organising and participating in a huge range of activities and events.

2015 NATIONAL SCIENCE WEEK SCHOOLS THEME

Making waves: the science of light
Celebrating the International Year of Light

IDEAS | RESOURCES | EVENTS

● NATIONAL SCIENCE WEEK DIGITAL TEACHER RESOURCE BOOK

Making waves: the science of light

The web-based digital book includes curriculum map, lesson plans F–10 linked to the Australian Curriculum: Science and teacher background information. **Freely and easily accessible** for anyone with the Internet and also available for download as a printable PDF.

You will be able to access the resource book from the ASTA (www.asta.edu.au) and Science Week websites from May 2015.

● NATIONAL SCIENCE WEEK SCHOOL GRANTS

School grant recipients will be announced on 18 May 2015. Many thanks to PrimaryConnections for contributing \$10 000 to Science Week, including funding for extra school grants.

PrimaryConnections: Linking science with literacy is an innovative program developed by the Australian Academy of Science. The program provides quality Australian Curriculum aligned resources and a professional learning program.

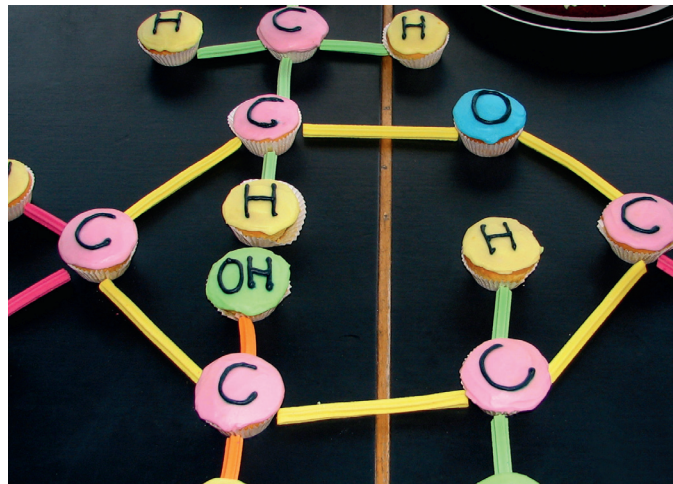
Key features:

- Inquiry and investigative approach
- Comprehensive professional learning program
- Award-winning curriculum resources linking the teaching of science with literacy
- Research and evaluation program



● REGISTER YOUR NATIONAL SCIENCE WEEK ACTIVITY!

Register your school's National Science Week activity/event online at <http://www.scienceweek.net.au/event-holder-registration/> to let other schools across Australia see what you are doing to celebrate science!!

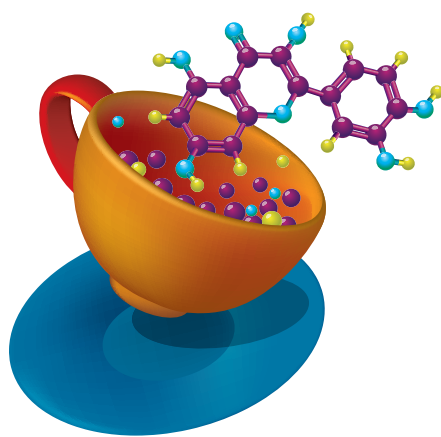


● BRAIN BREAK

Celebrate science in your staff room during National Science Week by holding a Brain Break morning tea. Hold a science quiz, bring in quirky science-themed edibles or run some short science experiments! They can be anything you want them to be. It's a chance to show your colleagues the wonder of science. Last year over 700 workplaces including schools registered to celebrate National Science week this way.

Register your Brain Break by 21 July scienceweek.net.au/brainbreak to receive a FREE National Science Week Brain Break pack including quiz questions, activity suggestions, coasters and other promotional items. The kits will be mailed out towards the end of July.

Tell everyone about your Brain Break on **Twitter** via [#brainbreak](https://twitter.com/brainbreak) and [#natsciwk](https://twitter.com/natsciwk) or on **Facebook** [@nationalscienceweek](https://www.facebook.com/nationalscienceweek)



● 2015 CITIZEN SCIENCE PROJECT

Galactic citizen scientists wanted!

We're looking to the stars for this year's National Science Week project – or more specifically, galaxies in our local universe! Anyone can join in to help Australian astronomers classify 300,000 galaxies in order to understand the structure of the Universe – you just need a connection to the Internet. School groups welcome! Details at www.scienceweek.net.au

● WHAT'S HAPPENING DURING SCIENCE WEEK NEAR YOU!

VICTORIA

Living Science at the Market

Sunday 16 August 10:00am – 3:00pm

Queen Street, Queen Victoria Market, Melbourne

Join us at the Queen Vic Market and explore the relationships between food, science, innovation, technology and the environment. Interactive presentations, hands-on activities for adults and children, shows and demonstrations run throughout the day.

SOUTH AUSTRALIA

Science Alive! Careers Day

Friday 7 August, 9am – 3pm

Wayville Showground

Free and open to all students from Years 7–12. Featuring over 50 interactive stalls, Questacon Science Circus from Canberra, chemistry shows, career presentations and so much more, all highlighting the diversity of science and engineering careers. Bookings via Eventbrite. Queries: 0413 156 172

AUSTRALIAN CAPITAL TERRITORY

Science in ACTION

Friday 14 August

Former Transport Depot (Old Bus Depot) in Kingston

There will be interactive displays, potential employers and lots of useful information for students thinking of pursuing science, technology, engineering or mathematics study and careers. Serious FREE fun! Bookings required.

TASMANIA

Schools Day @ The Festival of Bright Ideas

Friday 14 August

Princes Wharf 1, Castray Esplanade Hobart

Book your class in for a super science experience at the inaugural Festival of Bright Ideas, incorporating a science expo with hands-on workshops, demonstrations and displays, interactive presentations and a host of other fun and informative activities for students of all ages. Free event.

WESTERN AUSTRALIA

Perth Science Festival

Saturday 15 – Sunday 16 August

Perth Cultural Centre

The Perth Cultural Centre will come alive with science as we launch National Science Week.

The Perth Science Festival will blur the lines between science and art and will celebrate WA science, innovation and technology with hands-on activities, music, film and performance.

NORTHERN TERRITORY

The Science and Engineering Challenge

Wednesday 6 – Thursday 7 May
Charles Darwin University

The Challenge is designed, through fun and practical hands-on activities, to inspire young people about the opportunities available in STEM, and demonstrates the practical elements of a career in the disciplines of science and engineering. Open to year 9 and 10 students in Darwin and surrounding suburbs. A joint event managed by University of Newcastle and Engineers Australia and sponsored by CDU and Power and Water Corporation.

NEW SOUTH WALES



Enhance your creativity in NSW

Neural Knitworks – Create textile neurons using scientifically informed patterns.

Creativity and STEM teaching workshop – among dozens of inspiring events on offer at the 2015 Sydney Science Festival.

2015 Young Scientist Paper Plane Challenge – Get your students making paper planes so they can compete.

Sleek Geeks Dr Karl and Adam Spencer at Sydney Town Hall – treat yourself to a fun and free night out.

Australian Museum Science Festival – amaze your students with an exciting program of hands on science learning.

Regional Science Hub – check out the action in town near you!

QUEENSLAND

Explosive Science at the Ekka!

Friday 7–Sunday 16 August

Brisbane Exhibition Ground

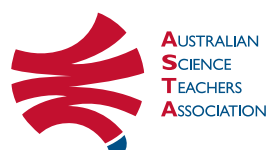
Join in the fun and excitement of amazing science shows, demonstrations, guest presentations and activities, every day at this year's Royal Brisbane Show. Free after Show entry.



<https://www.facebook.com/nationalscienceweek>



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