

# Future Earth



 national science week 2017

12-20 August 2017  
[www.scienceweek.net.au](http://www.scienceweek.net.au)

  
An Australian Government Initiative

  
Inspiring AUSTRALIA



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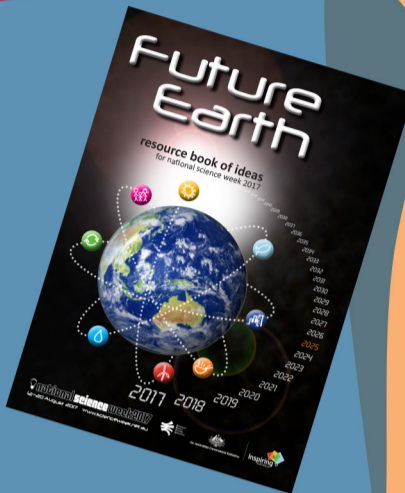
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GET INVOLVED!

## Future Earth digital teacher resource book. AVAILABLE NOW!

The resource book includes ideas to support students' involvement in investigating, exploring, experimenting, designing, creating and communicating their understandings about what's involved in attaining and maintaining a sustainable *Future Earth*.



The resource book is complemented by two National Science Week student journals—Early Years and Primary/Secondary—that can be downloaded and printed.

The digital book is freely and easily accessible at [www.asta.edu.au](http://www.asta.edu.au)

**FABULOUS PRIZES TO BE WON!**

Add your Science Week activity to the events diary on the National Science Week website [www.scienceweek.net.au/event-holder-registration/](http://www.scienceweek.net.au/event-holder-registration/) and **YOUR SCHOOL COULD WIN:**

**PRESCHOOL-YEAR 2 'George the Farmer' gift packs. 4 to be won!**



Gift pack includes 3 'George the Farmer' books, George and Ruby soft dolls and a 'Songs from the Farm' CD.

Meet George in the *Future Earth* teacher resource book and at [www.georgethefarmer.com.au](http://www.georgethefarmer.com.au)

**PRIMARY AND SECONDARY Green Stuff for Kids books. 8 to be won!**



Written by Tanya Ha, *Green Stuff for Kids* is a young readers' guide to what's up with the planet and what they can do to make a difference. Jam-packed with fun facts, eco-activities, information and green tips.

All prizes will be drawn Monday 24 July 2017. Winners will be contacted by email.

**After National Science Week tell us how it went!**

Complete an online feedback form between 21 August–22 September 2017 at <https://tinyurl.com/NScWk-schools> and **YOUR SCHOOL COULD WIN A VISIT FROM TANYA HA**, award-winning Australian environmental campaigner, author, former ABC Catalyst reporter, science communicator and sustainability researcher.



Tanya could visit your school anywhere in Australia to speak with students and teachers.

Winner will be drawn Tuesday 26 September 2017. For more information and the Terms and Conditions visit [www.asta.edu.au](http://www.asta.edu.au).

## Brain Break Morning Tea



Brain Breaks can be a quiz, group activities or a few quick science demonstrations—anything you want them to be. It's a chance to stop and reflect on the science in your world.

Register your Brain Break by 17 July [scienceweek.net.au/brainbreak](http://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 packs will be mailed out early August.

## SCINEMA 2017

From drama to documentaries, animations or epic natural history, at Australia's Science Channel we're passionate about the power of the moving image to tell stories about the world, how it works, and our place in it. You can register now for free to host your own screening of the best of SCINEMA International Science Film Festival this National Science Week. Visit <http://scinema.austliascience.tv>



## What's on across Australia in both city and regional areas...?

### ACT

#### Science in ACTION

**Friday 11 August**  
Former Transport Depot (Old Bus Depot) in Kingston  
Book your class in for a unique science experience at Science in ACTION! Inspire your students about STEM studies and careers with hands-on workshops, demonstrations, interactive displays, presentations from some of ACT's best scientists, robot competitions...and much, much more! Free event, bookings required.

#### CoLab: Science Meets Street Art

**Saturday 12 August**  
Former Transport Depot (Old Bus Depot) in Kingston  
10 Canberra street artists, 10 young local scientists and one blank wall. CoLab is a creative collaboration between street artists and young scientists that also brings local science into public space at Kingston Bus Depot. Visitors are encouraged to come and go during the day and enjoy the Science in ACTION festival nearby.

#### Scienceability

In the lead up to National Science Week, Scienceability will challenge your ideas about who 'does' science! Six science workshops for people with intellectual disabilities will be run. Then during Science Week itself, the Scienceability workshop participants will run their own workshop of science demonstrations and activities for the public.

### NSW

#### Discover the future of science at the Sydney Science Festival

**8-20 August 2017**  
Let your students explore the wonders of science hands-on! Meet scientists and see real world applications of science in action with over 300 workshops, talks and shows. Future scientists, science supporters and those not so sure...there is something for everyone at the Sydney Science Festival! Contact the Australian Museum team for more information on 9320 6389 or see [aa@austrim.gov.au](mailto:aa@austrim.gov.au)



### NT

#### desertSMART EcoFair – Science and Sustainability in the Desert

**11-13 August**  
Alice Springs  
Solar power, soil science, food gardening, bush tucker, sustainable tourism, building design and more, will feature at this year's EcoFair. The three-day science and sustainability festival will have expert panels, workshops, guest speakers, an EcoScience Schools day, night time entertainment and heaps to learn about desert science and living sustainably. Check out the EcoFair website for more details [www.ecofair.org.au](http://www.ecofair.org.au)

#### Darwin Insect Festival

**12 August 10am-3 pm**  
Charles Darwin University  
A fun day of activities where you can learn all about the little critters and their quirky lives. Find out how some beetles avoid detection from their ant prey, how an insect sees, which celebrities are insect namesakes and much more.

### QLD

#### Explosive Science @ Ekka

Brisbane Exhibition Ground  
This initiative brings science to life at the Royal Queensland Show (the Ekka), using a range of interactive activities, guest presentations and captivating science demonstrations to show the relevance of science in everyday life. Activities include stage shows, food science, robotics, and microscopy. The event will involve partnerships with local education providers including the major universities, research organisations and institutes and runs for 10 days.

#### National Science Week at the Tanks: Science in the Tropics Rocks!

The Tanks, Cairns  
Three feature activities at the Tanks: The 'Come and try!' art-science collaboration space, which will encourage people to interact directly with scientists and their research via an interactive platform. The 'Café Scientifique: Why I became a scientist in the Tropics' event will provide an open forum to hear from local researchers and postgraduate students. 'PechaKucha Night' will sell science through stories. These events will bring together scientists, artists, musicians and the general public, both young and old, to explore and celebrate science in the tropics.

#### 2017 Pop-up Science Centre

Gold Coast  
The Pop-up Science Centre will be a free event as a final celebration for National Science Week. It will aim to emulate what a science centre could look like on the Gold Coast, and provide the communities of Gold Coast and surrounding regions with practical, hands-on science experiences featuring interactive exhibits that encourage visitors to experiment and explore.

### SA

#### Science Alive! Careers Day

**Friday 4 August 9am-3pm**  
Adelaide Showground  
Free and open to all students from Years 7-12. Featuring over 50 interactive stalls, chemistry shows, career presentations and so much more, all highlighting the diversity of STEM careers.

#### Eromanga: Life in the Prehistoric Sea

In order to plan for the future Earth, we need to understand the past. Throughout National Science Week, schools can book renowned singing palaeontologist Professor Flint to explore how we got to where we are across millions of years, and discover the extraordinary creatures that once lived in the ancient seas. Suitable for school year levels R to 4/5.

#### Coding is Cool!

Salisbury East Neighbourhood Centre and libraries across the City of Salisbury  
Coding is Cool will engage audiences in interactive coding workshops throughout National Science Week. The project has 3 target groups: children, youth and youth with autism spectrum disorder.

### TAS

#### Schools Day @ The Festival of Bright Ideas

**Friday 11 August**  
Princes Wharf 1, Castray Esplanade, Hobart  
Book your class in for a super science experience at the 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. Full program and registration: <http://www.FestivalofBrightIdeas.com.au>

#### Young Tassie Scientists

**1-31 August**  
Free school incursions  
Bring young, enthusiastic scientists into your classroom to celebrate National Science Week! Our short, interactive presentations are adaptable for all ages (K-12) and provide a fun, engaging way to bring science into your school. Available to ALL Tasmanian schools—find more information and register for your FREE visit at [www.youngtassiescientists.com](http://www.youngtassiescientists.com)

#### TASTroFest

**3-5 August**  
Ulverstone  
TastroFest's Student Days are designed to educate primary and secondary classes as part of Tasmania's Astronomy Festival. Free for schools unless stated otherwise. Full program and registration: <http://tastrofest.wixsite.com/tastrofest>

### VIC

#### Living Science at the Market

**Sunday 10am-3pm**  
Queen Victoria Market, Queen Street, 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 cooking demonstrations run throughout the day. For a confirmed date and more information visit the Science Week website and search for 'Living Science'.

#### Family Science Games Nights

Deakin University—Melbourne, Geelong and Warrnambool  
Deakin University will host a series of Family Science Games Nights, introducing families to fun and relaxing ways to learn science at school or at home. Children and their families will play and explore games about science, with each child leaving with a showbag of science game goodies.

#### Science in the Park: Wildlife Counts

Mornington Peninsula  
Care for a spot of frog calling, water bug identification, bird watching or koala spotting? Free science activities catering for all ages. Ian Temby, author of *Wild Neighbours*, will be a key speaker. For more info visit <https://www.facebook.com/events/146958912487819/>

### WA

#### Perth Science Festival

**12-13 August**  
Perth Cultural Centre  
Don't miss the largest National Science Week event in Western Australia, with interactive science stalls, explosive shows, cuddly animals and more! Get all the info on Facebook and Instagram at PerthSciFest. See you there!

#### Citizen Science in WA with the Pantry Blitz 2017

Uncover the secret lives of pests inside your pantry! Help protect our environment from exotic pests. Place a pest trap for a month, report your findings using the free MyPestGuide reporting tool for identification and help secure our biosecurity future. Visit [www.agric.wa.gov.au/apps/mypestguide-reporter](http://www.agric.wa.gov.au/apps/mypestguide-reporter) for more information.

#### Future Earth School Festival

**14-18 August**  
Scitech  
Gets hands-on with activities, be inspired by locals and ponder Future Earth. Switch-on your primary and secondary students with an amazing Scitech festival. For more information visit [scitech.org.au](http://scitech.org.au).

For more information and updates on any of these events go to the National Science Week website 'Find an event' page