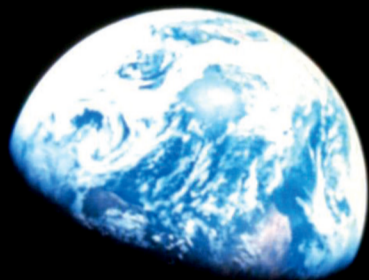


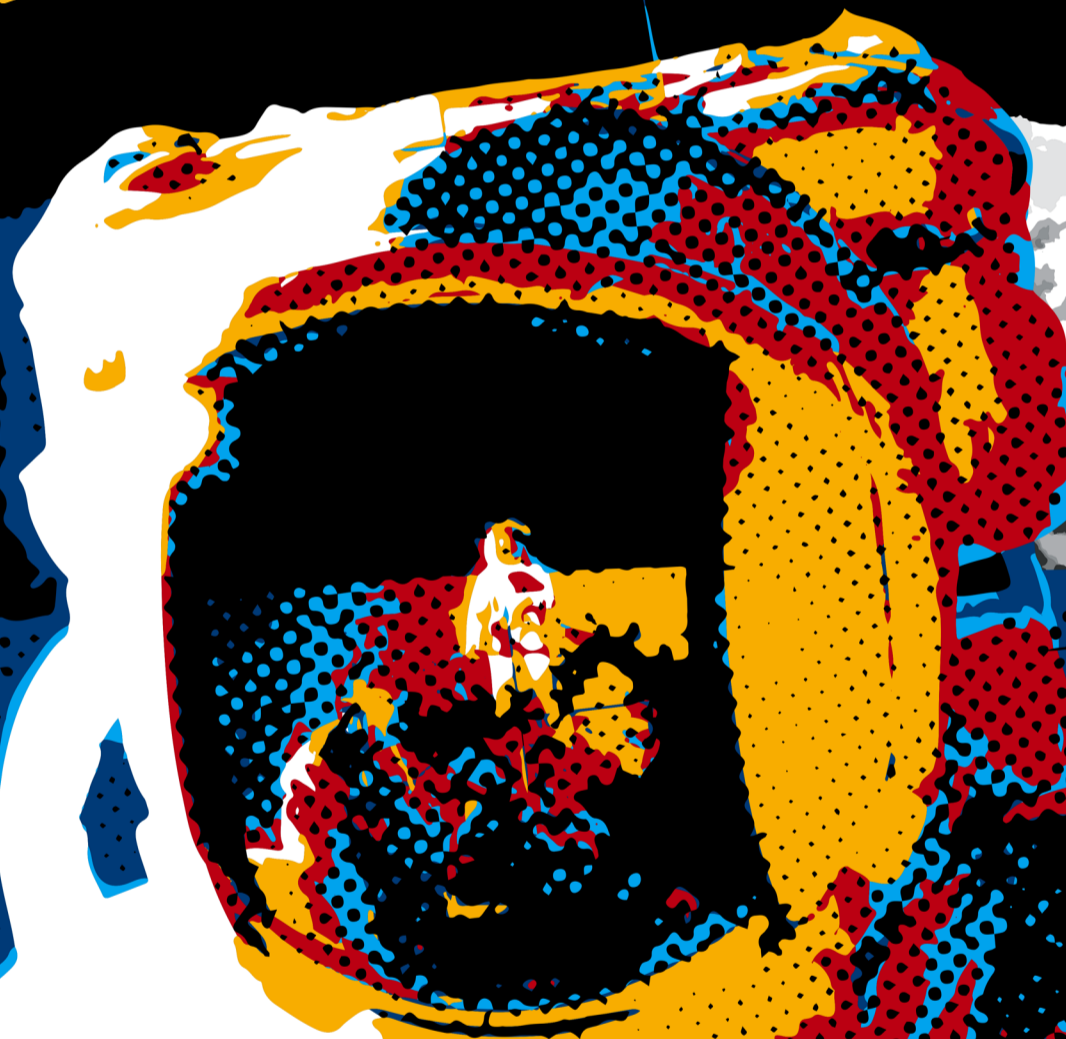
national science week 2019

10-18 August 2019

www.scienceweek.net.au



DESTINATION MOON: MORE MISSIONS. MORE SCIENCE



An Australian Government Initiative

Inspiring
AUSTRALIA



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An Australian Government Initiative



GET INVOLVED!

DESTINATION MOON: MORE MISSIONS, MORE SCIENCE

digital teacher resource book AVAILABLE NOW!

The resource book includes lesson plans for Foundation to Year 10, ideas to support students' involvement in investigating, exploring, experimenting, designing, creating and communicating their understandings about what's involved in past, present and future space programs, operations and missions.

The resource book is complemented by a National Science Week student journal that can be downloaded and printed.

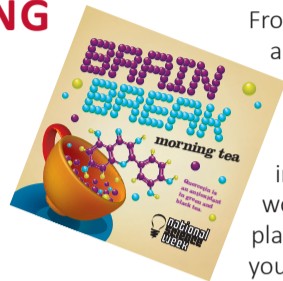
Download the resource book for free from www.asta.edu.au



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 16 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 packs will be mailed out early August.



SCINEMA 2019

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. Register now to host your own free screening of the best of SCINEMA International Science Film Festival this National Science Week. Visit <http://cinema.australiascience.tv>



FABULOUS
PRIZES
TO BE
WON!

WHAT'S ON ACROSS AUSTRALIA

in both city and regional areas...

THE GREAT AUSTRALIAN BIODIVERSITY CHALLENGE

Ready to join thousands of players across Australia in a team-based, outdoor game that will help protect our environment? This is a competition played via your smartphone that gets players outdoors to collect and/or help curate sightings of real wildlife. Prizes are awarded for highest scores in sightings and identifications, as well as active participation.



LAUNCH TO THE FUTURE! A STEM STORY

Touring nationally by Echelon Productions
Launch to the Future! A STEM Story is a theatrical performance-based education program exploring Australia's contribution to space science. Launch to the Future combines high energy sketch comedy and improvisation to entertain, inspire and educate audiences through a fun and interactive live experience. The performance features the work of local Nobel Laureate Brian Schmidt, Ruby Payne-Scott, the Square Kilometre Array and Australia's role in the transmission of the first Moon landing.

AFTER NATIONAL SCIENCE WEEK TELL US HOW IT WENT!

Complete the online feedback form before 16 August 2019 at <https://tinyurl.com/NScWK-schools-2019> and your school could WIN a pack of National Science Week merchandise including t-shirts, badges and caps.



ACT

The Universe in 4 Dimensions

August 2019
Canberra

Astronomers and artists are taking a four-dimensional trip through space and time. ASTRO 3D astronomers, who research the Universe from soon after the Big Bang to the present-day, will work with dance artists Liz Lea and Eric Avery, photographer Jen Brown, and animator James Josephides.

NSW

The Innovation Games

18 August 2019
Sydney Olympic Park

Can you kick the physics out of a footy? How fast can you run in a sprint test? How far can you throw a spear? Or a boomerang? How much energy can you generate on a skate ramp? The Innovation Games is a free family fun day full of sporting, science and technology action.

Riverina Science Festival

10 to 18 August 2019
Wagga Wagga

Chemistry in the kitchen, Indigenous science, gaming technologies, and FUTURE WORLD are just some of the activities planned across Wagga Wagga for the Riverina Science Festival. The community day embraces both modern chemistry and ancient Indigenous science of stone tools and weaving. Kitchen Science Storytime and the levee environmental walk will complete the week of activities.

NT

desertSMART EcoFair

08 to 11 August 2019
Alice Springs

Gardening Australia's Costa Georgiadis, the War on Waste's Craig Reucassel and a host of other activities will descend on Alice Springs for the desertSMART EcoFair. The event will feature desert scientists, Indigenous educators, renewable energy professionals and health experts encouraging discussions about science and sustainability.

HealthLAB: Science on Wheels

August 2019
Darwin and Arnhem Land

HealthLAB will travel around Darwin and to Milingimbi in Arnhem Land to work with trainee Aboriginal Health Practitioners in country. The people they visit will see ultrasounds of their heart and kidneys, hear their heart beating, see how the heart changes after exercise, and try on 'alcohol goggles' that mimic raised blood alcohol levels.

QLD

Brisbane Science Festival

16 to 18 August 2019
Southbank Piazza

Smoke cannons, liquid nitrogen, flame tests, explosions, and cool chemistry experiments are headed for Brisbane central. Brisbane Science Festival will bring science to life using a range of interactive activities, guest presentations, and captivating science demonstrations to show the relevance of science in everyday life.

National Science Week at The Tanks: Science goes troppo!

14 August 2019
The Tanks Arts Centre, Cairns

Meet the scientists researching hot topics in Australia's tropics at the Tanks Arts Centre in the Cairns Botanical Gardens. The event will feature a PechaKucha Night, where local scientists will share their research in a fast-paced, engaging and entertaining format. The PechaKucha presentation style is short, sharp and snappy with each presenter telling their science story with 20 slides shown for 20 seconds each.

SA

Southern Cross Outreach Observatory Project

August 2019
Touring regional South Australia

Southern Cross Outreach Observatory Project is a mobile astronomical observatory taking science engagement to regional communities. This mobile observatory is designed to travel far and wide, and is equipped with computerised telescopes for solar viewing and night-time astronomy.

The Port Adelaide Dolphins

14 August 2019
SA Maritime Museum, Port Adelaide

Meet Port Adelaide's local dolphins and a man who knows all about them and is on a mission to save them. Dr Mike Bossley will deliver a special presentation about dolphins and the history and purpose of the Adelaide Dolphin Sanctuary. The South Australian Maritime Museum will also offer special dolphin search cruises.

TAS

Young Tassie Scientists

Free school visits by scientists

A geologist who blasts rocks with lasers, a brainy researcher studying our super senses, Tasmania's own BugGirl, and an Antarctic expedition with a passion for Pokémon. These are just a few of the past Young Tassie Scientists—early career researchers who become the state's ambassadors for National Science Week. The 2019 team will share their science stories through inspiring and interactive presentations at schools and events around Tasmania.

Curious Climate: Asking Tasmania what it wants to know about climate

August 2019
Online/media event

What is a polar vortex? Will there be enough rain for the Tasmanian giant freshwater crayfish? Is Melbourne's weird weather headed south? Are last summer's bushfires the new normal? If you could ask a climate change scientist anything, what would it be? Radio segments and Facebook promotion will encourage the Tasmanian public to lodge their Curious Climate questions online.

VIC

The Art of Science: Maths, music and me

August 2019
Melbourne and regional Victoria

Is science creative? Can you hear the maths in music? In The Art of Science: Maths, Music and Me, mathematician, teacher and music lover Professor Arun Ram will tell a series of stories, interweaving mathematics, music and the creativity of science. The show will breakdown stereotypes of mathematicians and challenge misconceptions that maths isn't present in our everyday lives, nor in the arts.

The Hunt for the Plastic Eaters

August 2019
Science Gallery Melbourne

Science Gallery Melbourne throws down the gauntlet and sets an ambitious challenge: can we find a new plastic-eating bacteria in Australia? Building on the research of Japanese plastic-eating bacteria expert Dr Shosuke Yoshida, and working with biohacking group BioQuisitive, this project will ask citizen scientists to culture bacteria in the search for a species to solve our plastic waste dilemma.

WA

National Science Week in the Great Southern

10 to 18 August 2019
Albany, WA (various venues)

An opportunity to discover the science of south western WA. Featuring a high profile visiting scientist, the biennial Great Southern, Great Science Symposium, science cafes, workshops and school incursions by the visiting scientist and WA Museum curators and experts, field trips to learn more about traditional Indigenous science, and other activities in surrounding regional locations.

Perth Science Festival

24 to 25 August 2019
Claremont Showgrounds, Robison Pavilion

Biology, technology, expert talks, and explosive science shows are coming to the Claremont Showgrounds! Perth Science Festival is a family-friendly general public event, with more than 60 interactive stalls, experiments, native animals, stage shows, roving performers, and more.

Visit scienceweek.net.au for more information and to find other events near you.