



national science week 2020

Science Week fun for schools and families!

Welcome to National Science Week 2020 - online! This is a breakdown of online activity available for younger people in Tasmania, and across Australia, this August.

Educators should visit the National Science Week website for a free, curriculum linked booklet, a poster, and more. There's also an [early childhood booklet](#) for the smallest of scientists.

scienceweek.net.au/schools

School libraries can check out the library guide. (PDF 6mb)

scienceweek.net.au/wp-content/uploads/2020/03/Science-Week-Library-activities-ideas.pdf

If you're still looking for more, there are some fun DIY science flyers:

scienceweek.net.au/diy-science

Where to find events

You can find events on [Facebook](#), the [National Science Week website](#), and the [downloadable Tasmanian event booklet titled Science at Home](#). [PDF]

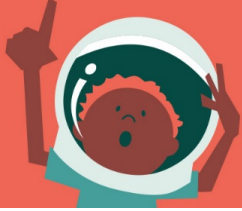
The booklet also has activities you can do in classrooms or at home.

The Tassie launch of Science Week will be on Facebook and YouTube on Friday 14 Aug – stream it at any time.

Classrooms can watch the National Launch forum, Science Saving Lives, on Friday 14 Aug eventbrite.com.au/e/2020-national-science-week-launch-science-saving-lives-event-registration-115673052213

This guide will break down specific events aimed at schools and families. Please read through to find information on:

- Live streamed events (most available afterwards in video format)
- Library activities
- A list of resources including videos and activities available at any time
- Competitions specifically aimed at students



Events and Activities

All events are online unless indicated with an *

Date and time	Activity	Age group	Event organiser
Mon 10 Aug 1-1.45pm	What's happening above the waterline	All	CSIRO
Tue 11 Aug 1-1.45pm	What's happening below the waterline	All	CSIRO
*Sat 15 Aug 11 am – 12pm	Saving Energy @ Home	Families	Greening Australia
*Sat 15 Aug 1-3pm	Solar Cooking – Hot Stuff	Ages 5-14	Greening Australia
Sat 15 – Fri 21 Aug 10-10.45am	QVMAG Daily talks qvmag.tas.gov.au	All ages	QVMAG
*Sat 15 – Sun 16 Aug 10.30am – 3.30pm	Weekend fun @ QVMAG	Families	QVMAG (Launceston)
Mon-Fri 17-21 Aug 4-5pm	Peter Underwood Centre live streams	Primary & School-aged (any)	UTAS
Mon 17 Aug 11am-12pm	Science for Food Security: Making a Global, Professional and Personal Difference	High school + recommended, all ages welcome	The Crawford Fund
Mon 17 Aug 6.30-8pm	2020 Science Gig 'Deep Blue' Online	Young people	Circular Head Council
Thu 20 Aug 11am-12pm	The Science of the Black Box: exploring science behind Aboriginal artefacts	Years 5-8	TMAG
Thu 20 Aug 4-5pm	Virtual Renewable Energy Tour	High school	Huon Energy Futures
Fri 21 Aug 7.45pm	SciVR: a virtual reality trip around the solar system	All	Kingston Library

Libraries

Kingston, Glenorchy, Bridgewater, Burnie and George Town are all holding events or giving away packs for science week. Please visit their Facebook pages for info. The Beaconsfield Child and Family Centre (CFC) is also providing packs for locals.

Libraries are a great place to access tons of books and other resources, including internet, so that anyone can celebrate National Science Week in their own way.



Available at any time during Science Week

Young Tassie Scientist videos

Meet some real scientists online! Tassie's very own science tour goes virtual. If your school missed out on booking a virtual visit, you can still 'meet' the scientists by watching their videos and discussing their profiles in your classroom. Students can also ask questions on Twitter using #askYTS

youngtassiescientists.com/the-scientists

UTAS Derby: Ready...Set...Race!

Learn to build a model car and test track using easy to find materials. This series of short videos will draw on expertise from local STEAM gurus - straight to your lounge room (or classroom). We'd love for you to share your speed machine invention with us through the MakerX Facebook page!

facebook.com/makerxburnie

Three Feet in Your Gumboots – measuring sea level rise (Video)

You've heard about sea level rise, but have you ever wondered how it's measured? Dive into the wonderful world of sea level science. Learn about tide gauges, explore satellites, and find out how Burnie – yes, our Burnie! - is doing its bit to set the global record straight.

Available on Science Week Tasmania's Facebook and YouTube during and after Science Week.

TastroFest Online! Explorers Edition

The popular Ulverstone Astronomy festival heads online with astro-tourism videos, bedtime stories, and more!

facebook.com/TastroFest

The Magic of Marine Life (primary schools)

The Royal Society of Tasmania in collaboration with That's What I Call Science at Edge Radio will be delivering podcasts, videos and worksheets on what it's like working in marine science.

facebook.com/RoyalSocietyTas/

facebook.com/ThatsScienceTAS/

Fighting Fake News and Phobias (years 9+) – podcasts and more

Science provides enormous value to our community, but, this message is often drowned out by #misinformation and negative press. Check out our National Science Week event, with a live discussion tackling the issue of fake science head-on!

facebook.com/ThatsScienceTAS/

Related event 12 Aug 7.30pm: <https://www.facebook.com/events/316633542792311/>

National Citizen Science Project: Carbon Counter—online

Join the fight for Planet A, by making one change to the way you use energy, transport and food. 'Carbon Counter', the ABC's National Science Week project, aims to show how carbon dioxide emissions can be reduced by simple, small, individual actions.

Scienceweek.net.au (Available 15 August)

Virtual Tour of the RV Investigator, CSIRO's research vessel

Hobart-docked floating lab, the RV Investigator, can be toured online, any time. It's a wonderful look inside a ship the average person won't have access to!

mnf.csiro.au/Investigator/rv_investigator.html



The Great Aussie BioQuest: help scientists map where the wild things are

Grab your chance to discover a new species by joining in the Great Aussie BioQuest – a gigantic, nationwide citizen science project to discover how climate change is affecting Australia’s wildlife. All sightings are expert-verified and given a “remarkability score”. Information is uploaded to the open-access [Atlas of Living Australia](#) to help researchers make decisions about protecting the environment.

[Event details](#)

UTAS Virtual Open Day 28-30 Aug: utas.edu.au/openday

Competitions

UTAS Science and Engineering Investigation Awards (SEIA)

The Science and Engineering Investigation Awards are a state-wide competition for Year 5 to 12 students who investigate a topic of their choice. Students then present their findings to judges from research and industry for feedback.

utas.edu.au/seia

Entries open 14 August

Tasmanian Science Talent Search (TSTS)

View website for description.

stat.org.au/tsts/tsts-2020-deep-blue

Entries close 25 September

ANSTO Hackathon – Environmental theme

Take STEM and business start-up incubators into the classroom with this unique event. Years 7-11

ansto.gov.au/national-science-week-hackathon

Set it Off state-wide sourdough competition

Make bread and learn about science!

facebook.com/events/326386668497222/

More is added daily so check facebook.com/natsciwktas for the latest info!

Social media

Use #scienceweek in social media to join the conversation.

TWITTER: twitter.com/sciencetasmania

FACEBOOK: facebook.com/natsciwktas

Questions?

Contact jenni.klaus@utas.edu.au or call 0414 701 134.