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MUSEUM**
PRESENTS

World
Science
Festival
Brisbane

AN EVENT OF

CURIOSITY
BRISBANE

March 24–28

The **WONDER** of **WHY**

WORLD SCIENCE FESTIVAL BRISBANE

2021 PROGRAM

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in Queensland

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The Wonder of Why



From devastating bushfires and COVID-19 to global civil unrest and mass protests – there is no doubt 2020 was a challenging year and the world has changed in the past 12 months.

World Science Festival Brisbane has had to change also, so some things will be different in 2021 – we have made more of our program available online, we're avoiding mass gatherings and everyone will have to check in at events. But this is the new normal, and we'll get there together. No matter what, now is the time to celebrate science!

In many cases what seemed like abstract ideas last year are now our everyday stark reality. What have we learnt? How will science lead us out of our current dilemmas? What were the warning signs?

More than ever, we turn to science, technology and human curiosity to help us understand our circumstances and learn how we and nature might adapt to the new reality confronting us.

This year's festival celebrates the wonder of 'why', with a program placing the spotlight on insightful and challenging conversations and an escape to new and entertaining experiences.

Explore the full program at worldsciencefestival.com.au plan your festival experience and join us either in person or online!

Book Tickets

Book online at worldsciencefestival.com.au

Bundle 4+ Tickets and Save

Buy a bundle of 4 or more tickets to selected events in one transaction and receive 20% off!

Please note, this discount applies only to selected events. Visit worldsciencefestival.com.au to find out more.

Join the Conversation



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Share your festival memories using:
#WSFB2021

Correct at time of printing

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Welcome

The last year has shown that when we face great hardships, we also demonstrate unwavering fortitude – 2020 was certainly a year of enormous challenges across the world but importantly, it was also a time of great opportunity, great innovation and great scientific achievement. It was a year that started with bushfires and ended with the COVID-19 pandemic.

World Science Festival Brisbane offers an unparalleled platform to interrogate and understand our changing world; to reflect on the human impact; and to showcase the wonder, opportunity and complexity of science in our everyday lives. It dares us to imagine what we want our future to be, and how science can make it possible.

The festival brings people together to share their experiences, excitement and ideas – and to learn from science leaders and some of the world's most innovative thinkers. It is a festival that both challenges and connects people.

It is through this lens that we have created the 2021 program. This year we have increased our online presence and developed new and innovative digital offerings. We have also increased regional programming to reach the communities of Chinchilla, Gladstone, Toowoomba, Townsville and Ipswich throughout the year.

Our programming aims to inspire a sense of wonder and excitement in science, technology, engineering and maths – to inspire the next generation of thinkers, leaders and innovators who will need to take up future challenges faced by our society.

Developing and staging such an important festival would not be possible without the ongoing support of the Queensland Government, our generous partners and supporters, and our wonderful Queensland Museum and WSFB staff, volunteers, and of course our colleagues from World Science Festival in New York. I sincerely thank all of you. Despite the many challenges this year, we have worked together to keep things moving forward, we have found innovative solutions and we've stood by each other. I have never been prouder.

At Queensland Museum our aim is to be a network of museums without borders that inspires curiosity to connect to the past, make sense of the present and help navigate the future in our communities, classrooms and online. This focus has never been more important, and WSFB is critical to this journey.

Welcome to World Science Festival Brisbane 2021!

Dr Jim Thompson
Chief Executive Officer
Queensland Museum Network

Acknowledgement of Country

In keeping with the spirit of reconciliation and on behalf of Queensland Museum Network, we acknowledge the First Peoples – the Traditional Owners of the lands where we live and work. We recognise their continuing connection to land, water and community. We pay respect to Elders – past, present and emerging – and acknowledge the important role Aboriginal Peoples and Torres Strait Islanders continue to play within World Science Festival Brisbane and Queensland community.



Welcome to the 2021 World Science Festival Brisbane!

Now is the perfect time to celebrate the advances and wonders of science. In the past year we have seen the global scientific community come together to conduct research in virology, pathology and pandemic responses, to help create effective vaccines for COVID-19.

Each year, World Science Festival Brisbane garners an increased interest, and this will be especially true in 2021.

This year's festival will continue to inspire, ignite discussions and create a curiosity for people of all ages. In a world transformed by coronavirus (COVID-19), the festival will have a new look for the City of Science events. Festival activities will take place throughout Brisbane, from the Cultural Centre all the way to Mount Coot-tha.

For the first time many programs will be offered digitally via conversations, podcasts and audio tours. Audiences will be able to tune into 24-hour live streaming of turtles hatching, providing opportunities for all Queenslanders to become involved.

For events beyond Brisbane, World Science Festival Queensland will offer an extended program throughout 2021, so communities in Chinchilla, Gladstone, Toowoomba, Townsville and Ipswich can once again experience the wonders of the festival.

Since 2016, when World Science Festival Brisbane was added to the It's Live! In Queensland tourism calendar, the annual event has attracted more than 700,000 visitors and has injected more than \$32 million into Queensland's economy. It has also become a key feature of a larger celebration known as Curiosity Brisbane, a festival that embraces creativity, innovation, science, technology and art.

The Palaszczuk Government supports this landmark event, the only World Science Festival held outside of New York, to celebrate science and explore our world. We invite you to experience and explore the exciting and inspiring 2021 World Science Festival Brisbane program.

The Honourable Annastacia Palaszczuk MP
Premier of Queensland and Minister for Trade

The Honourable Leeanne Enoch MP
Minister for Communities and Housing,
Minister for Digital Economy and Minister for the Arts

The Honourable Stirling Hinchliffe MP
Minister for Tourism Industry Development
and Innovation and Minister for Sport

Brisbane has earned a reputation as an Asia Pacific hub for science and innovation and we are proud to host the brightest minds from across Australia at the World Science Festival Brisbane.

Showcasing Brisbane's world-class research and technology institutions, the festival has grown to be a popular fixture on Brisbane's annual events calendar.

While this year will be a little bit different due to the coronavirus pandemic, we are excited to be able to deliver yet another diverse and educational array of events, hosted across Brisbane's cultural precinct.

While you're here I encourage you to explore the things that make Brisbane such a sensational place to live, whether it's outdoor dining, river kayaking or our peaceful parklands.

Enjoy the World Science Festival Brisbane.

Adrian Schrinner
Lord Mayor of Brisbane

About the Festival

Hosted by Queensland Museum, World Science Festival Brisbane 2021 will traverse an extraordinary science journey with a new and improved program. But things are slightly different this year ... more of the program will be available online, some conversations will be live-streamed, we're avoiding mass gatherings and everyone will have to check in at events.

City of Science



This year Brisbane will be the *City of Science* in a city-wide, free, five-day science extravaganza!

This action packed program includes hands-on workshops, science storytelling and audio tours to experiments and big bangs – *City of Science* is for the whole family.

From South Bank to Mt Coot-tha *City of Science* will span Brisbane far and wide. Join us as the festival steps outside of our usual footprint and takes science to the streets of Brisbane.

Remember – all events are free but some do require bookings.

Presented with BHP

Conversations and Talks



In 2021, experts will come together to explore the contribution science makes to our very existence as they examine and celebrate what we know, what we don't and those working to find out more.

This year our conversations and talks will cover everything from the global pandemic and mining the moon to future cities. From Disrupting Bushfires to the Science of Beer, there is something for everyone!

Plus, this year many of our conversations will be available to live stream, and some will be recorded in advance for you to watch online.

The Nucleus



On the banks of the Brisbane River a short walk from Queensland Museum – The Nucleus will be the centre of festivities! A lounge room meets laboratory with diverse and fun programming from conversations and trivia to comedy. Plus, live music and family programming throughout the day. The Nucleus is the festival's designated hang out spot and will be relaxed, informative and ... super sciencey.

Bring the kids during the day or enjoy an afternoon drink as the sun sets, we've got you covered. Remember – all events are free and no bookings are required.

Digital program



This year we are doing things a little differently, and we're excited. World Science Festival Brisbane has been working with Griffith Film School's LiveLab to pre-record some of our most interesting conversations. This means you don't have to leave the comfort of your own home, you don't need to buy a ticket and you can watch on the go whenever it suits!

Several conversations will be available to watch via **worldsciencefestival.com.au** from Wednesday 24 March. Watch one or binge them all and share them with your friends! Plus we'll have podcasts, audio tours and more.

This program is designed to act as your guide. For more detailed information, to plan your festival experience, explore the full program and book tickets where needed visit worldsciencefestival.com.au

Queensland Museum events



Queensland Museum is the beating heart of the festival, with daily activities and talks from our leading researchers, scientists and photographers. Join us as they showcase some of their unique and fascinating work and share insights about their areas of expertise.

Learn about ancient sea monsters, trapdoor spiders and what exactly is scientific illustration? Plus, explore our latest exhibition *Sea Monsters: Prehistoric Ocean Predators*. This is your chance to learn more about what really goes on inside the museum!

Brian Greene



Brian Greene is a professor of physics and mathematics at Columbia University and is widely regarded for his groundbreaking discoveries in mathematical physics and superstring theory. He is the director of Columbia's Center for Theoretical Physics and with producer Tracy Day is the co-founder of World Science Festival.

Each year Brian brings his signature events to Brisbane and while he won't be here in person, this year is no exception.

Join Brian on a cinematic journey from the big bang to the end of time, Brian Greene will appear live on screen from New York State following the world premiere of his film *Until the End of Time*.

Return to Planet Earth



Fasten your seatbelts and prepare for lift-off as we journey through time and space to the outer limits of the universe – and back to Earth in time for dinner. Inspired by Carl Sagan's *Pale Blue Dot*, creative storyteller Jenna Robertson joins forces with composer Corrina Bonshek and the Sir Thomas Brisbane Planetarium to deliver a mind-blowing multimedia immersion that promises to inspire, educate and enthrall audiences of all ages.

This festival original will take you on a round trip from our tiny blue planet, through galaxies, past super novae to the farthest reaches of our known universe, before returning to the pale blue dot that we call home.

Presented with Sir Thomas Brisbane Planetarium

The Hatchery



Catch a rare glimpse of turtles hatching in their incubation chambers and the first moments of their ocean lives as they meet a seawater environment in specially designed tanks!

The festival's annual turtle hatching is an important conservation initiative that allows intimate access to Australia's precious loggerhead turtles.

After the festival, the newborn turtles will be transported to the Sunshine Coast and released 20 km offshore.

The Hatchery will be live streamed with support from AARNET.

This year more festival content will be available online – all free. This means you don't have to leave the comfort of your own home, you don't need to buy a ticket and you can watch whenever suits. There will be podcasts, audio tours, pre-recorded conversations and more!



Rising Tides, Searing Heat: Indigenous Australians and the Climate Crisis

Why is the wider community not listening to Indigenous peoples on the climate crisis? Climate change will affect our lives in so many ways, but for many Aboriginal and Torres Strait Islanders the threat is already a devastating reality. As sea levels rise, the tides are swallowing parts of low lying island communities, submerging thousands of years of culture, history and place.



Disrupting Bushfires

Why do we need robots to fight the fires? Our panel of fire-savvy specialists look to the past, present and future for ways to survive the current 'Pyrocene'. How can we combine the knowledge and skills of traditional owners with cutting-edge technologies such as satellites, artificial intelligence and drones, to protect our sunburnt country?



How to Change the World

Why are young people our greatest hope? The world is changing – fast. Before we know it, today's teenagers will be shaping their own world from positions of power and possibility. The world is changing inexorably and exponentially. In the hands of today's youth, there is hope for tomorrow. A bright future is possible.



Mind Altering Medicines

Why is tripping trending in medicine again? Almost 60 years after psilocybin was banned, researchers at John Hopkins University in the USA suggest that magic mushrooms can treat cancer-related psychiatric distress, depression, anxiety and addiction. Take a trip into the world of hallucinogens as our scientific researchers reveal insights from Australia's first psilocybin clinical trials.



The Moon is Mine: A Hypothetical

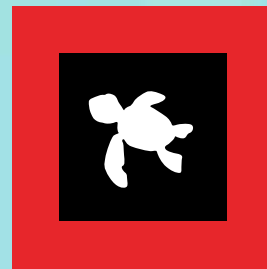
Why can't I own a piece of the moon? It's 2030 and space tourism is thriving. Aussie entrepreneurs have their eyes set on a supply of Helium 3 located on the far side of the moon ... A cast of politicians, scientists and business leaders run through a hypothetical minefield as the race ignites to mine the moon!

Conversations will be available to watch via worldsciencefestival.com.au from Wednesday 24 March.

Watch one or binge them all and remember to share with your friends!

The Hatchery Augmented Reality

WSFB has teamed with one of the animators of 'Bluey' Beth Durack, to bring you this digital experience. Use your mobile device to see uber-cute animated baby turtles swim around you, as they go on a journey of a lifetime. Simply scan the QR code to launch the Augmented Reality!



To launch the Augmented Reality simply scan this QR code
Keep AR code in view



Self-Guided Audio Tours

Experience Brisbane through immersive self-guided audio trails. Put your headphones on to begin an audible adventure through local histories, soundscapes and interviews with experts.

Presented with Folklore Studio



5 with 5 Podcast

Have you ever found yourself at a crossroads that lead to a chance encounter? What if that moment leads to an amazing discovery? In this WSFB podcast, Dr Rob Bell takes 5 minutes with 5 fascinating experts and discovers their 'sliding doors' moment.

Presented with Folklore Studio



Cool Jobs

Come behind the scenes in a series of short films of experts who use science to do some of the coolest jobs on the planet. They'll share their exciting journey, and explain how following their dreams has led them to the most amazing jobs in the world.

Watch and listen via
worldsciencefestival.com.au

City of Science Calendar of events

AI HUB				
You don't need a DeLorean Time Machine to venture back to the future. Step inside The Precinct and prepare to be WOW-ed by Queensland's leading brains trust of disruptive innovators, mentors and entrepreneurs.				
EVENT	VENUE	DATE	TIME	COST
Cultural Champions in the Age of AI – AI, Culture and Creativity	The Precinct, TC Beirne Building, Fortitude Valley	Saturday 27 March	10am–11.30am and 12.30pm–2pm	Free, non-ticketed
Unleash your (Disruptive) Tech Geek! – AI & Robotics	The Precinct, TC Beirne Building, Fortitude Valley	Sunday 28 March	9am–12pm and 2pm–4pm	Free, non-ticketed
Extended Reality (XR)	The Precinct, TC Beirne Building, Fortitude Valley	Sunday 28 March	9am–12pm and 2pm–4pm	Free, non-ticketed
Music & AI	The Precinct, TC Beirne Building, Fortitude Valley	Sunday 28 March	12pm–2pm	Free, non-ticketed
MT COOT-THA				
Mt Coot-tha is opening its doors with a suite of events, tours and activations which will allow you to explore this precinct like never before!				
EVENT	VENUE	DATE	TIME	COST
Culture of Plants	QUEENSLAND HERBARIUM, Brisbane Botanic Gardens	Wednesday 24 – Saturday 27 March	9am–5pm	Free, non-ticketed
Herbarium Tours	QUEENSLAND HERBARIUM, Brisbane Botanic Gardens	Saturday 27 March	9am, 10am, 11am, 12pm, 1pm	Free, non-ticketed
Design a plant	QUEENSLAND HERBARIUM, Brisbane Botanic Gardens	Saturday 27 March	9am–2pm	Free, non-ticketed
Thematic Walks in the Botanic Collection	VISITOR INFO CENTRE, Brisbane Botanic Gardens	Saturday 27 March	11am–12pm	Free, ticketed
It's Rocket Science	AMPHITHEATRE LAWN, Brisbane Botanic Gardens	Saturday 27 March	10am–1pm	Free, non-ticketed
The Art of Science – Exploring the Science	AUDITORIUM, Brisbane Botanic Gardens	Saturday 27 March	10am–2pm	Free, ticketed
Spot the Nest Box	Brisbane Botanic Gardens	Saturday 27 March	9am, 10am, 11am and 12pm	Free, non-ticketed
The Tudor Chemist – Make your own Plague Repellent	AUDITORIUM, Brisbane Botanic Gardens	Saturday 27 March	10am and 12.30pm	Free, ticketed
The 'art' of a Field Botanist	AUDITORIUM, Brisbane Botanic Gardens	Saturday 27 March	9am, 10.30am and 1pm	Free, ticketed
Indigenous Plant Science	AUSTRALIAN RAINFOREST, Brisbane Botanic Gardens	Saturday 27 March	9am, 10.30am and 1pm	Free, ticketed
The Science of Companion Planting	KITCHEN IN THE GARDEN, Brisbane Botanic Gardens	Saturday 27 March	9am and 11.30am	Free, ticketed
Smart Space Garden Experience	KITCHEN IN THE GARDEN, Brisbane Botanic Gardens	Saturday 27 March	10.15am and 1pm	Free, non-ticketed
Digging for Creepy Critters	AUDITORIUM, Brisbane Botanic Gardens	Saturday 27 March	10am, 11.30am and 1pm	Free, ticketed
Night Adventures	AUDITORIUM, Brisbane Botanic Gardens	Saturday 27 March	6pm–8.30pm	Free, ticketed
BRISBANE CATCHMENT NETWORK				
Pop into the sustainability centre and learn about bush tucker, wildlife corridors, habitat creation, native bees, sustainable gardens and more!				
EVENT	VENUE	DATE	TIME	COST
Sustainability Centre Walking Tour	Sustainability Centre, 1358 Old Cleveland Rd, Carindale	Saturday 27 March	10am and 3pm	Free, ticketed
Rat problems, owl solutions	Sustainability Centre, 1358 Old Cleveland Rd, Carindale	Saturday 27 March	11am–11.50am	Free, ticketed
Frog fun workshop	Sustainability Centre, 1358 Old Cleveland Rd, Carindale	Saturday 27 March	12pm–12.45pm	Free, ticketed
Bird Walk with Queensland Chief Scientist	Sustainability Centre, 1358 Old Cleveland Rd, Carindale	Saturday 27 March	6.30pm–7.30pm	Free, ticketed
Nest Boxes explored	Sustainability Centre, 1358 Old Cleveland Rd, Carindale	Saturday 27 March	1.30pm–2.30pm	Free, ticketed
Tree Planting	North: Downfall Creek Catchment – 7th Brigade Park, Chermiside	Sunday 28 March	8.30am–11am	Free, ticketed
Tree Planting	South: Minnippi Parklands – 139 Stanton Rd, Tingalpa	Sunday 28 March	8.30am–11am	Free, ticketed
WORKSHOPS				
Join BOP Industries at this series of hands-on workshops where you and your family will practice your user-centred design skills to problem solve, innovate and create.				
EVENT	VENUE	DATE	TIME	COST
City of the Future	The Edge, State Library of Queensland	Saturday 27 March	9am–10.30am	Ticket \$10
Autonomous Vehicles in our Cities	The Edge, State Library of Queensland	Saturday 27 March	11am–12.30pm	Ticket \$10
Sustainability in our Cities	The Edge, State Library of Queensland	Saturday 27 March	1pm–2.30pm	Ticket \$10
Future Foods	The Edge, State Library of Queensland	Saturday 27 March	3pm–4.30pm	Ticket \$10
City Design – The Big 3 R's	The Edge, State Library of Queensland	Sunday 28 March	9am–10.30am	Ticket \$10
Connected Cities	The Edge, State Library of Queensland	Sunday 28 March	11am–12.30am	Ticket \$10
Future of Work	The Edge, State Library of Queensland	Sunday 28 March	1pm–2.30pm	Ticket \$10
Future of our Spaces	The Edge, State Library of Queensland	Sunday 28 March	3pm–4.30pm	Ticket \$10
LIBRATORIUM				
Over five days, five libraries will feature five popular strands of science with activities tailored to inquisitive young minds. We'll be exploring space, spiders and dinosaurs with books, puppets, experiments and more!				
EVENT	VENUE	DATE	TIME	COST
Dr Karl's Surfing Safari	View via facebook.com/BrisbaneLibraries	Wednesday 24 March	12pm–1pm	Free. Online only
Space Exploration	NEW FARM LIBRARY, Sydney Street, New Farm	Thursday 25 March	3.30pm, 4.30pm and 5.30pm	Free, ticketed
Spider Fun	WYNNUM LIBRARY, Florence Street, Wynnum	Friday 26 March	3.30pm and 4.30pm	Free, ticketed

The Crazy World of Dinosaurs	GARDEN CITY LIBRARY, Upper Mt Gravatt	Saturday 27 March	10.30am, 11.30am and 12.30pm	Free, ticketed
Tech Girls Are Superheroes	CHERMSIDE LIBRARY, Hamilton Rd, Chermshire	Sunday 28 March	10am, 11am and 12pm	Free, ticketed
LUNCHTIME LABS Lunch in the Queen Street Mall is about to get experimental with Lunchtime Labs serving up a free hour of happiness, grossness and the brilliance of Dr Karl!				
EVENT	VENUE	DATE	TIME	COST
Explosive Science!	QUEEN STREET MALL UPPER STAGE, Brisbane City	Wednesday 24 March	12pm–1pm	Free, non-ticketed
The Science of Happiness	QUEEN STREET MALL UPPER STAGE, Brisbane City	Thursday 25 March	12pm–1pm	Free, non-ticketed
Science Lunch with Dr Karl	QUEEN STREET MALL UPPER STAGE, Brisbane City	Friday 26 March	12.15pm–1pm	Free, non-ticketed
Pop Up Museum	QUEEN STREET MALL UPPER STAGE, Brisbane City	Saturday 27 March	12pm–1pm	Free, non-ticketed
Gross Science	QUEEN STREET MALL UPPER STAGE, Brisbane City	Sunday 28 March	12pm–1pm	Free, non-ticketed
THE NUCLEUS On the banks of the Brisbane River, The Nucleus will provide a family-friendly hub of activity and experiments for all ages!				
EVENT	VENUE	DATE	TIME	COST
Sport and Science	THE NUCLEUS, River Plaza, Queensland Cultural Centre	Saturday 27 March	10am–10.45am	Free, non-ticketed
The Big Bang Show	THE NUCLEUS, River Plaza, Queensland Cultural Centre	Saturday 27 March	11am–11.45am	Free, non-ticketed
Young People Power	THE NUCLEUS, River Plaza, Queensland Cultural Centre	Saturday 27 March	12pm–12.45pm	Free, non-ticketed
Paper Scissors – Rock!	THE NUCLEUS, River Plaza, Queensland Cultural Centre	Saturday 27 March	1pm–1.45pm	Free, non-ticketed
Big Bangaboom	THE NUCLEUS, River Plaza, Queensland Cultural Centre	Saturday 27 March	2pm–2.45pm	Free, non-ticketed
Earth Hour concert	Upper Eastern Terrace	Saturday 27 March	8.30pm–9.30pm	Free, non-ticketed
Red Rocket 3	THE NUCLEUS, River Plaza, Queensland Cultural Centre	Sunday 28 March	10am–10.45am	Free, non-ticketed
Space and the flying Emu with Dr Nij	THE NUCLEUS, River Plaza, Queensland Cultural Centre	Sunday 28 March	11am–11.45am	Free, non-ticketed
Juggle Science!	THE NUCLEUS, River Plaza, Queensland Cultural Centre	Sunday 28 March	12pm–12.45pm	Free, non-ticketed
UQ Demo Troupe	THE NUCLEUS, River Plaza, Queensland Cultural Centre	Sunday 28 March	1pm–1.45pm	Free, non-ticketed
SUBSTATION 33 Have you ever wondered what to do with your old electronics when you have finished with them? Visit Substation 33 where up-skilling and up-cycling is the order of the day!				
EVENT	VENUE	DATE	TIME	COST
E-Waste Recycling	SUBSTATION 33, 31 Mary St, Kingston	Saturday 27 March	10am and 12pm	Free, ticketed
E-Waste Recycling	SUBSTATION 33, 31 Mary St, Kingston	Sunday 28 March	10am and 12pm	Free, ticketed
WEST VILLAGE Are you passionate about how to improve your way of living and how to reduce your impact on our planet? Explore two days of free events dedicated to families who want to live greener and help change our planet!				
EVENT	VENUE	DATE	TIME	COST
Beyond Beeswax: candle making	West Village, Boundary St, West End	Saturday 27 March	10am–11am	Free, non-ticketed
The Wonderful World of Worms	West Village, Boundary St, West End	Saturday 27 March	11.30–12.30pm	Free, non-ticketed
Rocket Stoves	West Village, Boundary St, West End	Saturday 27 March	1pm–2pm	Free, non-ticketed
Waste Free Living	West Village, Boundary St, West End	Saturday 27 March	2.30pm–3.30pm	Free, non-ticketed
West Village: sustainability tour	West Village, Boundary St, West End	Sunday 28 March	10am–11am	Free, non-ticketed
How to create a living laboratory in your backyard	West Village, Boundary St, West End	Sunday 28 March	11.30am–12.30pm	Free, non-ticketed
Building with bamboos	West Village, Boundary St, West End	Sunday 28 March	1pm–2pm	Free, non-ticketed
Sustainable food wraps with natural beeswax	West Village, Boundary St, West End	Sunday 28 March	2.30pm–3.30pm	Free, non-ticketed
SIR THOMAS BRISBANE PLANETARIUM Fasten your seatbelts and prepare for lift-off as we journey to the outer limits of the universe!				
EVENT	VENUE	DATE	TIME	COST
Return to Planet Earth	Mount Coot-tha Rd, Toowong	Wednesday 24 – Sunday 28 March	Various times	Adult \$25 Concession \$20
CURIOCITY BRISBANE A combination of large-scale physical and immersive digital installations, this year's CurioCities spring from the imaginations of creators from across the world!				
EVENT	VENUE	DATE	TIME	COST
The Residents	View from the Goodwill Bridge	12–28 March	8am–8pm	Free, non-ticketed
CurioCities	Various	12–28 March	8am–8pm	Free, non-ticketed
THE HATCHERY Catch a rare glimpse of turtles hatching in their incubation chambers and the first moments of their ocean lives as they meet seawater for the first time!				
EVENT	VENUE	DATE	TIME	COST
The Hatchery: Turtle Conservation Experience	L4, Queensland Museum	Wednesday 24 – Sunday 28 March	9am–4pm daily	Free, ticketed

City of Science

Presented with BHP

QUEENSLAND MUSEUM

Queensland Museum is the beating heart of World Science Festival Brisbane. Visit us and hear from our leading researchers and scientists, check out our interactive activities, see unique pieces of the State Collection and explore our new exhibition *Sea Monsters: Prehistoric Ocean Predators*.



MT COOT-THA

The Botanic Gardens, the Queensland Herbarium and the Sir Thomas Brisbane Planetarium have created a suite of events, tours and activations which will allow you to explore this precinct like never before!

MILTON

THE NUCLEUS

On the banks of the Brisbane River in front of Queensland Museum, The Nucleus will provide a family-friendly hub of activity and experiment for all ages. As the sun sets, the grown-ups will take over to enjoy libations, live music and a program of relaxed yet informative science stuff for the big kids among us!

SOUTH
BRISBA

WEST END

TOOWONG

OTHER ACTIVITIES

The full program includes workshops at the AI Hub, Substation 33, The Edge and the Bulimba Creek Catchment Sustainability Centre. Plus you can attend the Earth Hour concert, tree planting to offset our festival and sustainability workshops at West Village. Check out the full program and plan your festival experience at worldsciencefestival.com.au

LUNCHTIME LABS

Now is not the time to eat a sandwich at your desk – get outside as the Queen Street Mall comes alive with the wonder of science at the Lunchtime Lab. There will be big bangs, experiments and Dr Karl to educate, inform and entertain!

LIBRATORIUM

Over five days, five libraries will feature five popular strands of science with activities tailored to inquisitive young minds. Take a cyber-surfing safari with Dr Karl. Get up close and personal with spider man Dr Robert Raven or dig a little deeper with Queensland Museum palaeontologist Scott Hocknull. (Events at various locations).

Presented with
Brisbane City Council.

BRISBANE CITY

NEW FARM

EAST BRISBANE

WOOLLOONGABBA

TERRA FIRMA

We evolved out of the earth beneath our feet. The plants that sustain us grow out of it and valuable resources lie within it. It holds the secrets of our past, and through science it can inform our path towards a sustainable future.

Explore four activity stations each exploring different topics and sciences from the world beneath the Earth's surface.

FREE | 24-28 March | Cultural Precinct.
Presented with BHP.

CURIOCITY BRISBANE

Curiosity Brisbane is a 17-day celebration of science, art and tech, where new possibilities play and big ideas collide. From 12 to 28 March, explore a packed program of interactive installations and events as the city transforms into a world of discovery. Wander through the City Botanic Gardens, across the Goodwill Bridge to South Bank, the Cultural Precinct and back to the CBD where you can wonder at physical and digital delights along the way. Find out more via curiocitybrisbane.com

Conversations

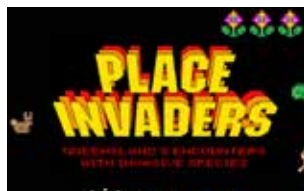


Until the End of Time

7.30pm–9pm | Concert Hall
QPAC | Adult \$35, Concession
\$30, Live stream \$10

World renowned physicist, Brian Greene has created a cinematic journey from the big bang to the end of time, exploring how lasting structures formed, how life and mind emerged, and how we grapple with our existence through narrative, science, the quest for truth, and a deep longing for the eternal. He joins ABC's Jonathan Webb live on screen from New York State following the premiere of the film for a Q&A.

Queensland Museum events



Place Invaders

9.30am–4pm | L2,
Queensland Museum |
Free, non-ticketed

It's Queensland's close encounters of the invasive species kind! Play Place Invaders, a fun 80s inspired game developed by Queensland State Archives. Use your mobile phone to stop invasive plants and animals from taking over and learn about them as you go.



Creative Climate Changers Exhibition

9.30am–4pm | Theatrette,
Queensland Museum |
Free, non-ticketed

This exhibition is an insightful and optimistic reflection on the impacts the current climate crisis is having on our society, told through the intimate storytelling of three unique artists. Through conceptual art, installation art and contemporary opera this exhibition aims to encourage diverse and new narratives – highlighting action on climate change can take different forms.



Conservation in Action

9.30am–4pm |
L2, Queensland Museum |
Free, non-ticketed

See how museums care for their collections – live! Conservation is a field of applied science based on chemistry and materials science – predicting, preventing and slowing the natural deterioration of objects and specimens. Each item holds unique information about its life and conservators aim to preserve all this information for future generations.



Delve Into Frog's Hollow, Brisbane's First Red-Light District

10am–2.30pm |
L2, Queensland Museum |
Free, non-ticketed

Join Queensland Museum archaeologists as they identify hundreds of artefacts recently excavated from Albert St, the site of Brisbane's first red-light district. Undertaken as part of the Cross River Rail project, artefacts range from opium picks to dinner sets and alcohol bottles, providing us with insight into the lives of the people who lived in Frog's Hollow.

City of Science Presented with BHP

For full City of Science program see page 8



Culture of Plants

9am–5pm | Queensland Herbarium, Brisbane Botanic Gardens, Mount Coot-tha | Free, non-ticketed

The Queensland Herbarium is the centre for science, research and information on Queensland's ecosystems and species of plants, fungi, algae and animals. From Wednesday to Saturday, drop in and discover the fabulous exhibit prepared by the biodiversity scientists.



Explosive Science!

12pm–1pm | Queen Street Mall Upper Stage, Brisbane City | Free, non-ticketed

Come along and put a little bang, boom into your lunchtime with a spectacular science show for all the family. From fireballs to instant clouds and lots of explosive gases, it's a feast for your eyes, ears and brain. Be entertained, be amazed and maybe even be involved!



Dr Karl's Surfing Safari

12pm–1pm | View this event live at www.facebook.com/BrisbaneLibraries | Online only

Dr Karl is surfing the Universe for all that's gnarly, awesome, weird and wonderful. This event will be livestreamed on the Library Facebook page – join in from the comfort of your own home and get your questions ready for Dr Karl!

WSFB Art Trail

Explore a collection of inspiring and thought provoking large scale outdoor public artworks throughout the Cultural Precinct – look out for a giant Ibis made of rubbish, a recycled timber Koala and a woven interpretation of 'warming stripes'.

WSFB Education program



We're excited to welcome teachers and students back to the festival to participate in our annual education program with a great line up of conversations and activities – especially programed to engage with primary and secondary school students.

From conversations with leading astrophysicists to unpacking the complexities of living in a global pandemic, the topics and sessions are exciting and varied.

This year we have made sure most of our educational program is linked to the curriculum ensuring educational experiences support your students STEM learning.

Now is the time to celebrate science, we hope you can join us!

Explore the full education program at worldsciencefestival.com.au/education-program/

The WSFB Education Program is presented with QPAC

Conversations



Cities 2060

6pm–7.30pm | Concert Hall QPAC |

Adult \$35, Concession \$30, Live stream \$10

Why is it so important to plan for 2060 now? By 2060 Australia's population will have reached 40 million. Two-thirds of us will live in one of the four largest cities and determining what those cities look like will require some seriously creative blue-sky thinking. Discover how today's science and technology can contribute to a better way of life and shape the cities of the future.

Presented with Griffith University



Exploring Hyperspace: A Virtual Reality Experience

9am, 10am, 11am and 12pm |

Adult \$50, Concession \$40

In this live interactive virtual reality experience, physicist and World Science Festival co-founder Professor Brian Greene will guide a group of explorers through topics including extra dimensions, unified field theory and the multiverse. Together, they will grapple with abstract concepts and higher dimensional objects that challenge the imagination and stretch the bounds of what's possible in the real world. For more information visit worldsciencefestival.com.au

City of Science Presented with BHP



The Science of Happiness

12pm–1pm | Queen Street Mall Upper Stage, Brisbane City | Free, non-ticketed

What puts a smile on your dial? From chocolate and music to cute videos of kittens, some things just make us happy. But why, and what is going on inside our brains when we experience such joy? We've paired a dancer and a scientist to unravel all of this in fun-filled lunchtime that is sure to leave you smiling.



Space Exploration

3.30pm, 4.30pm, and 5.30pm | New Farm Library, Sydney Street, New Farm | Free, ticketed

Do you dream of going to space? How will you get there? Our expert Rocket Engineer will answer all of your questions, and then you can launch your own bottle rocket, thanks to *It's Rocket Science*.



Curiocities

12–28 March | 8am–8pm | Various | Free, non-ticketed

Walk a 6.5km circuit connecting the City Botanic Gardens, South Bank, Cultural Precinct and the CBD to explore more than 60 Curiocities, including 30 world and national premieres along with contributions from six Queensland schools. Visit curiocitybrisbane.com for more information.

The Nucleus



DJ Black Amex

5pm–5.45pm | Free, non-ticketed

DJ Black Amex plays a groove-driven mix of disco, funk, house and rare remixes and edits. An avid vinyl collector and freewheeling selector. Never playing the same set twice, DJ Black Amex always looks to bring the crowd on a journey of vibe and groove!

For full City of Science program see page 8

Queensland Museum events



CoralWatch

9.30am–4pm |
L2, Queensland Museum |
Free, non-ticketed

You can help protect the Great Barrier Reef! CoralWatch, a global citizen science program based at The University of Queensland, integrates coral health monitoring with education and outreach to create reef awareness and save corals for our future generations.



Sea Monsters: Prehistoric Ocean Predators

Until 3 May 2021 | 9.30am–
4.30pm | L3, Queensland
Museum | Adult \$15.50,
Concession \$13.50, Family
(2A + 2C or 1A + 3C) \$46

While dinosaurs may have ruled the land, giant marine reptiles hunted the depths of the sea.

What can their fossilised bones tell us about how they lived? How do they compare to today's top ocean predators? Discover the secrets of these monsters of the deep!



The Hatchery: Turtle Conservation Experience

Wed 24 – Sun 28 March | 9am–4pm daily |
L4, Queensland Museum | Free, ticketed

Catch a rare glimpse of turtles hatching in their incubation chambers and the first moments of their ocean lives as they meet a seawater environment in specially designed tanks! After the festival, the newborn turtles will be transported to the Sunshine Coast and released 20 km offshore.

The Hatchery will be live streamed with support from AARNET.

The Nucleus River Plaza, Queensland Cultural Centre



Sustainability in Art & Design

6pm–6.45pm | Free,
non-ticketed

Art and design are responsible for a creative and an environmental footprint. Whether creating large scale outdoor festivals, considering set materials or exploring energy generation and consumption – the environmental impact of our creative endeavours must influence our practice. Meet creative minds bringing sustainability to art and design.



Dangerous Song

6.45pm–7pm | Free,
non-ticketed

Dangerous Song is a response to the current 6th extinction crisis, combining human voice with the sounds of endangered and extinct animals. Through music and the sound of real animal calls Linsey Pollak speaks directly to the heart in a way that words cannot, while Lizzie O'Keefe weaves her voice in and out of this musical landscape.



Curious Conversations Hosted by Benjamin Law

7pm–8pm | Free, non-ticketed

Mycelium is vital to our soils – for breaking down organic material for reuse and are a vital communication and nutrient network supporting 92% of the earth's flora.

Explore this hyper connected underworld of mycelium with artists and naturalists Tara Pattenden, Steve Axford and Catherine Marciniak.

Presented with Curiocity Brisbane



Creative Collisions

8.15pm–9pm | Free,
non-ticketed

What happens at the intersection of science and art? Is the creative mind so different from that of a scientist or researcher? In these short, sharp sessions we'll learn about the melding of minds to create some truly inspiring outcomes. Join us to explore these unlikely alliances and their creations.

Conversations



Running the Planet Without Costing the Earth

6pm–7.30pm | Concert Hall QPAC |

Adult \$35, Concession \$30, Live stream \$10

Why should we switch to clean energy? In a post-fossil-fuel-future it's going to take more than a couple of solar panels on everyone's roofs to meet the energy needs of a growing population. Energy experts explore the path to a sustainably future and reveal some of the ground-breaking solutions that just might save our planet.

Presented with QUT

Films Presented with QAGOMA



Dosed 2019

6pm | GOMA Cinema |

Adult \$12, Concession \$10

A chapter in the ongoing discussion on the use of psychoactive substances to treat mental ill-health. *Dosed 2019* follows chronic heroin user Adrienne as she attempts to get free of her addiction using magic mushrooms and iboga. A powerful and honest portrait of active drug addiction and the lengths someone will go to be free of dependence.



Fear and Loathing in Las Vegas

8.30pm | GOMA Cinema |

Adult \$12, Concession \$10

Terry Gilliam's adaptation of Hunter S. Thompson's novel unfolds as a delirious road trip across the Nevada desert to the hotels of Las Vegas. What begins as a journalistic assignment for Duke to cover a motorcycle race is a fevered experimentation with the creative and mind expanding capabilities of psychoactive drugs.

The Nucleus River Plaza, Queensland Cultural Centre



A Lighter Side of Science

7pm–9.30pm | Free, non-ticketed

A science variety night like no other – with trivia, comedy and bizzarro science stuff, you're up for an unforgettable evening of mind-boggling, jaw-aching, simulated science-silliness! Drop in anytime to enjoy liquid libations, play quick rounds of smart phone trivia and learn about the stranger side of science and listen to some cool tunes.



Paulina

4.30pm–5.15pm | Free, non-ticketed

The foundations to 16 year old Paulina's artistry are found in her parents CD collection, artists such as The Beatles and Crowded House. Stunning her parents by performing at an early age she has been singing and playing the guitar ever since.



Beauty & The Beats

5.30pm–6.30pm | Free, non-ticketed

Beauty & The Beats is a Brisbane-based acoustic R&B group creating an explosion of pop-inspired, R&B acoustic music mixed with rap. Enjoy intricate playing of the guitar, grounded by the bass of the Beatbox as sweet melodies float to your ears, this is one unique musical recipe you'll want to hear!

City of Science Presented with BHP

For full City of Science program see page 8



Science Lunch with Dr Karl

12.15pm–1pm | Queen Street Mall Upper Stage, Brisbane City | Free, non-ticketed

Imagine if eating made you smarter? That dream can come true if you spend your lunchtime listening to Dr Karl. Australia's most loved scientist will be on hand to answer your burning questions about life, the universe and ... anything really. Bring a sandwich and a question (and maybe one of his books if you'd like it signed).



Spiders Fun

3.30pm–6pm | Wynnum Library, Florence Street, Wynnum | Free, non-ticketed

Why are spiders so special? Dr Robert Raven, Queensland Museum Arachnologist (that's a spider expert!) will be on hand to tell you all about his hairy 8-legged friends. You also get to create your own spider (from Lego).



Return to Planet Earth

Wed 24 – Sun 28 March | Various times | Mount Coot-tha Rd, Toowong | Adult \$25, Concession \$20

Fasten your seatbelts and prepare for lift-off as we take a round trip from our tiny blue planet, through galaxies, past super novae and into the farthest reaches of our known universe, before returning to the pale blue dot that we call home.

Presented with Sir Thomas Brisbane Planetarium

Terra Firma

24–28 March | Cultural Precinct | Free

We evolved out of the earth beneath our feet. The plants that sustain us grow out of it and valuable resources lie within it. It holds the secrets of our past, and through science it can inform our path towards a sustainable future.

Explore four activity stations each exploring different topics and sciences from the world beneath the Earth's surface.

Presented with BHP

Curiocity Brisbane



The Residents

12–28 March | 8am–8pm | View from the Goodwill Bridge | Free, non-ticketed

Recent sightings of prehistoric reptiles swimming in the Brisbane River have stirred excitement among curious locals. Passers-by claimed the creatures were up to 12 metres long with massive heads, short necks, powerful jaws and large teeth...

Catch a glimpse of artist Craig Walsh's stylised, high-definition projections of prehistoric creatures known to have inhabited the Brisbane River (Maiwar) millions of years ago!

Presented with Curiocity Brisbane

Queensland Museum events



A Night at the Museum

5.30pm–8.30pm | Queensland Museum | Free, non-ticketed | Adult \$35, Child \$15, Family (2A + 2C) \$80

Back this year by popular demand! Join Dr Karl Kruszelnicki and find out why it's safer for a cat to fall from a 32-storey building than a 7-storey building, get the low-down on the Bermuda Triangle, and how wombats poo out about 90 little cubes (yes, cubes) each day!

Recommended for families with children aged 4–12.

Conversations



The Pulse of the Pandemic

11am–12.30pm | Concert Hall
QPAC | Adult \$35, Concession
\$30, Live stream \$10

At the time of writing, Australia appears to be coming out of the worst of the pandemic while the USA and Europe descend into pandemonium. On the first anniversary of social distancing and lock downs, we draw out the lessons of the past in order to pandemic-proof our future.

Presented with The University of Queensland



Why Trust a Scientist?

6.30pm–8pm | Concert Hall
QPAC | Adult \$35, Concession
\$30, Live stream \$10

In a world where misinformation and mistrust thrive, science is under attack. Our trustworthy panel of real and genuine scientists, historians and communicators examine how we arrived at this place of mistrust, what happens if it continues, and how we can do our bit to stand up for science.

Queensland Museum events



GroundTruthVR

9.30am–4pm | Level 2, Void,
Queensland Museum |
Free, non-ticketed

Take the pilot seat of a satellite orbiting high above Queensland's infinite vistas GroundTruthVR utilises high resolution satellite and aerial imagery in a virtual reality environment.



Ancient Sea Monsters with Espen Knutsen

11am–12pm | Level 2, Theatre,
Queensland Museum | Adult \$18,
Concession \$15

Join Queensland Museum Paleontologist Dr Espen Knutsen to learn about prehistoric monsters of the deep!



Trapdoor spiders with Michael Rix

1.30pm–2.30pm | Level 2,
Theatre, Queensland Museum |
Adult \$18, Concession \$15

Join Arachnologist, Dr Mike Rix and immerse yourself in the world of trapdoor spiders – the master architects of the spider world.



After Dark

5.30pm–8.30pm | Queensland
Museum | Adult \$35

From live music, sea monsters origami and a live animal display from Geckoes wildlife rangers. To expert palaeontologists and roaming the museum at night – this adults only event is not to be missed!

City of Science Presented with BHP

For full City of Science program see page 8



Brisbane Catchments Network events

9am–4pm | Sustainability
Centre, 1358 Old Cleveland Rd,
Carindale | Free, ticketed and
non-ticketed

Pop into the sustainability centre and learn about bush tucker, wildlife corridors, habitat creation, native bees and sustainable gardens.



West Village events

10am–3.30pm | West Village,
Boundary St, West End |
Free, non-ticketed

Are you passionate about how to improve your way of living and how to reduce your impact on our planet? Explore these events dedicated to families who want to live greener.

Presented with West Village



Mt Coot-tha events

9am–8.30pm | Brisbane
Botanic Gardens, Mount
Coot-tha | Free, ticketed and
non-ticketed

With a suite of free events, tours and activations – Mt Coot-tha will be under the microscope like never before!



Earth Hour concert

8.30pm–9.30pm | Upper
Eastern Terrace (Outside
L2 entrance to Queensland
Museum) | Free, non-ticketed

Celebrate Earth Hour with four choirs, conducted by Emma Dean – who will sing a collection of songs exploring science, the universe and the environment.

The Nucleus River Plaza, Queensland Cultural Centre



Sport and Science

10am–10.45am | Free, non-ticketed

Watching it, reading about it, or playing it – did you know that maths and science are behind all of your sport activities? Learn about angles, forces, equations in sport!



The Big Bang Show

11am–11.45am | Free, non-ticketed

The Big Bang Science Show brings to life the science that surrounds us every day. Explore phenomena such as forces, air pressure, states of matter and more – guaranteed to engage and inspire students of all ages.



Young People Power

12pm–12.45pm | Free, non-ticketed

Generation Z have grown up in a world unlike that of any other generation. Join Gen Z business leader Scott Millar as he explores the power of this group!



Paper Scissors – Rock!

1pm–1.45pm | Free, non-ticketed

Linsey Pollak makes music by live-looping self-invented instruments such as a paper clarinet, a drinking straw oboe, a Cylisax and a rubber glove bagpipe.



Big Bangaboom

2pm–2.45pm | Free, non-ticketed

In this science show all rules are broken. Hands will be set on fire, explosions will rock the building, water coolers will become subversive volcanoes and mega soap explosions will cleanse any preconceptions of what science can be!



Graham Moes

3.30pm–4.30pm | Free, non-ticketed

Singer-songwriter and producer Graham Moes has a uniquely rhythmic and soulful looping sound, combining flavours of roots music, modern electronica and gritty blues guitar.



Science (in) Fiction

5pm–6pm | Free, non-ticketed

This panel will explore the role of fiction in communicating scientific facts – as a means of contextualising ideas, applying them to everyday lives, and reaching more-diverse audiences.



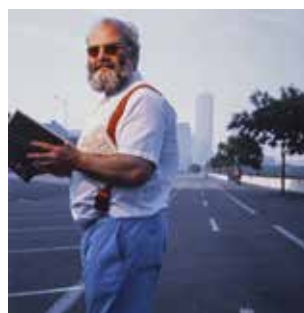
Ockham's Razor with ABC Science

6.30pm–8.30pm | Free, non-ticketed

ABC Science returns to Brisbane for a special recording of Ockham's Razor. Ockham's Razor is a soapbox for all things scientific: stories, insights, arguments or tributes – expect a jam-packed afternoon of short talks that will intrigue, excite and inspire!

Presented with ABC Science

Films Presented with QAGOMA



Oliver Sacks: His Own Life

1pm | GOMA Cinema | Adult \$12, Concession \$10

A celebrated neurologist and one of the world's most beloved science writers – Sacks' life and work is explored in this new documentary.



Hunting for Hedonia

3.30pm | GOMA Cinema | Adult \$12, Concession \$10

Examining the recent revival of the medical technique Deep Brain Stimulation (DBS). If DBS can manipulate the human brain, might medicine have the power to change a person's personality and emotions?

Conversations



Science vs Politics

11am–12pm | Concert Hall QPAC |
Adult \$35, Concession \$30, Live stream \$10

Scientific rigour doesn't always survive in a political system based on popularity and self-preservation. And we don't have to look far to find examples of policy making that elevates economic or electoral essentials over environmental or health imperatives. Two ex-politicians reveal the behind-the-scenes machinations that occur when government is faced with scientific evidence that informs policy and action.



Hunting the Cosmic Dawn

3pm–4.30pm | Concert Hall QPAC |
Adult \$35, Concession \$30, Live stream \$10

We know it all started with a big bang. But what happened after that? And where are we heading from here?

Join a constellation of astrophysicists as they shine new light into the cosmos to determine what the first stars looked like, the nature of dark energy and the future of the universe.

Presented with The University of Queensland



Griffith Review 71: Remaking the Balance

1pm–2pm | Ian Hanger
Recital Hall, Queensland
Conservatorium | Adult \$35.
Concession \$30

How will we change what we do with what we have?

Join Griffith Review 71: *Remaking the Balance* contributors including Ian Lowe and Sophie Cunningham and Editor, Ashley Hay as they explore the ways in which our changing relationships with resources are changing what we do with all that's animal, vegetable and mineral – as well as with less tangible commodities such as memory, stories and hope.

City of Science Presented with BHP

For full City of Science program see page 8



Tree planting

8am–11am | North Brisbane,
7th Brigade Park, Chermide |
Free, ticketed

AND

8am–11am | South Brisbane:
Minnippi Parklands, 139
Stanton Rd, Tingalpa |
Free, ticketed

WSFB and the Brisbane Catchment Creek are on a mission to offset the festivals carbon emissions! Join us as we plant trees to create a fauna habitat, increase ecological sustainability and protect Brisbane's biodiversity.



City of the Future workshops

9am–4.30pm | The Edge,
State Library of Queensland |
Ticket \$10

BOP Industries is a technology and education company on a mission to inspire the next generation of Digital Creators. Join a hands-on workshop where you and your family will practice your user-centred design skills to problem solve, innovate and create.



Substation 33 events

10am and 12pm | Substation
33, Mary St, Kingston | Free,
ticketed

Have you ever wondered what to do with your old electronics when you have finished with them? Up-skilling and up-cycling activities include 3D printer building, making rechargeable torches or vertical gardens from e-waste.



AI Hub events

9am–4pm | The Precinct,
TC Beirne Building, Fortitude
Valley | Free, non-ticketed

Step inside The Precinct, join a session and take a deep dive into 'disruptive technology'. Explore AI, Robotics, XR and AI-generated music! Prepare to be WOW-ed by Queensland's leading brains trust of disruptive innovators, mentors and entrepreneurs.

The Nucleus River Plaza, Queensland Cultural Centre



Science of Beer

2pm–2.45pm | Free, non-ticketed

Beer isn't just tasty, it's also chockfull of science – one of humanity's first great science experiments! Join BeerMatt and Dr Joel as they talk about what makes beer taste like beer, the secrets of brewing, whether there's a right way to drink a beer, why bubbles go down in a glass of Guinness – and more!

Presented with The Weekend Edition



Red Rocket 3

10am–10.45am | Free, non-ticketed

Red Rocket 3 is a three piece live rock band for kids, a high-energy show which helps kids explore their world through music, games and a whole lot of fun.



Space and the flying Emu with Dr Nij

11am–11.45am | Free, non-ticketed

Meet Dr Niraj Lal, the scientist, author and occasional TV star who created Henry the Flying Emu. Blast off with Dr Nij!



Juggle Science!

12pm–12.45pm | Free, non-ticketed

Although technically not scientists, did you know jugglers work with science every day? Join STEAM Circus to learn about juggling patterns, shapes, angles and how to predict where your juggling ball will land.



UQ Demo Troupe!

1pm–1.45pm | Free, non-ticketed

Ever thought about channelling a million volts of lightning? Putting your hand in liquid nitrogen at 200 degrees below zero? Or maybe taking a nap on a bed of nails?! Join UQ Demo Troupe ... if you dare ...

Queensland Museum events



Queensland's Extreme Environments with Gary Cranitch

11am–12pm | Level 2, Theatre, Queensland Museum | Adult \$18, Concession \$15

Join Queensland Museum's internationally renowned photographer Gary Cranitch, as he showcases the revered and stunning landscape of Queensland through his beautiful images.



Scientific Illustration with Geoff Thompson

1.30pm–2.30pm | Level 2, Theatre, Queensland Museum | Adult \$18, Concession \$15

Join Queensland Museum's scientific illustrator and deep-focus photographer Geoff Thompson as he explores the ways scientists have captured their images and work through the ages.



The Babadook

1pm | GOMA Cinema | Adult \$12, Concession \$10

Amelia struggles to discipline her son Samuel – his hallucinations spiral out of control and she is forced to medicate him. But when Amelia begins to see a sinister presence she realises Samuel's fears may be real.



Systemsprenger (System Crasher)

3pm | GOMA Cinema | Adult \$12, Concession \$10

Inspired by the writer-directors own angry tendencies in childhood, this film examines the environmental and emotional influences that can shape violent and dangerous behaviour.

Films Presented with QAGOMA

 Riverlife

Familiar Sights NEW PERSPECTIVES



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While the world talks climate change, we're finding ways to tackle it.

Recent natural disasters have focused the world's attention on climate change more than ever. At Griffith, it's always been our focus. That's why we've been quietly working hard on finding new ways to tackle it.

Our researchers are investigating reef-building algae that could help coral reefs withstand rising temperatures, gathering insights on how changing ocean conditions are influencing the recovery of whale populations and bringing off-grid renewable power systems to the Pacific Islands.

Griffith is proud that our research is helping to create a better, more sustainable future for all, and proud to be an academic partner of the World Science Festival Brisbane.

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South Bank
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Like any complex chemical compound, **World Science Festival Brisbane** is a carefully curated combination of elements.

Partnerships feature prominently in these equations, as the oxygen to our propane (the critical elements of combustion). We are serious about partnerships and dedicated to developing genuine relationships premised on shared vision, clearly articulated outcomes and measurable, mutually rewarding impact in STEM. If you are serious about partnerships, and want to take a leadership role in STEM engagement, contact us on +61 (7) 3153 7838 or email wsfbpartners@qm.qld.gov.au to discuss the opportunities available.

Information & enquiries

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Email:

wsfbbrisbane@qm.qld.gov.au

Website:

www.worldsciencefestival.com.au

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Ticket sales

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QTIx Ticket Sales

Phone:

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+61 7 3842 9505 AEST
(Outside Australia)

Queensland Performing Arts Centre (QPAC) Box Office

Level M
Corner Grey & Melbourne Streets
South Brisbane, Q, 4101
9am–8:30pm, Monday to Saturday (AEST)

Email: info@qtix.com.au

Please note the Box Office is open two hours prior to a scheduled performance on Sundays.

Queensland Museum Box Office

Level 2
Corner Grey & Melbourne Streets
South Brisbane, Q, 4101
9.30am–4pm, Monday to Sunday (AEST)
Patrons are encouraged to purchase their tickets online to avoid queues.

The Safest Way to Buy

QTIx is the official ticketing service for World Science Festival Brisbane 2021. Any tickets purchased through unauthorised sales channels may be seized or cancelled without refund or exchange and the bearer of the ticket may be denied admission. Unauthorised sales channels include Viagogo, eBay and Gumtree. For more information visit the QTIx page on The Facts About Purchasing Tickets Online.

Getting to QM

The following information is to assist you in getting to and from Queensland Museum and the Cultural Precinct. Should you require information on travelling on public transport to and from others venues call TransLink on 13 12 30 or visit translink.com.au

Bus

to Cultural Centre Busway Station

Train

to South Brisbane Station, opposite QPAC on Grey Street

City Cat/Ferry

to South Bank Ferry Terminal in South Bank Parklands

For bus, train and citycat/ferry timetable information, call TransLink on 13 12 30 or visit translink.com.au

Please note: Victoria Bridge is permanently closed to general traffic to facilitate both the Brisbane Metro project and CityLink Cycleway trial. For more information visit www.brisbane.qld.gov.au

Taxi/Ride Share

to the taxi set-down and pick-up area on either the Grey Street side of QPAC or Stanley Place outside of State Library of Queensland.

Car

via Melbourne Street, Victoria Bridge or Grey Street

Parking

Art Gallery/Museum Carpark and State Library of Queensland Carpark
enter from Stanley Place

Riverside Carpark, QPAC
enter from Stanley Street

Brisbane Convention and Exhibition Centre
enter from Merivale Street or Grey Street

South Bank Parklands Carpark
enter from Little Stanley Street

World Science Festival Queensland

The WSFQ celebration of science will once again return to regional Queensland in:

Townsville

7–8 May 2021
Plus School Holiday Program
18 September – 4 October 2021

Chinchilla

6–7 June 2021

Gladstone

29–30 August 2021

Toowoomba

10–11 October 2021
Plus School Holiday Program
26 June – 11 July 2021

Ipswich

7–8 November 2021
Plus School Holiday Program
18 September – 4 October 2021

COVID safety

The health and wellbeing of our visitors, staff and volunteers to the Festival and Queensland Museum is our priority.

Visitors will be required to register contact details on arrival at all events.






We have increased cleaning frequency, handwashing and sanitiser facilities and have installed distance markers for queuing to help keep you safe. You can play your part by keeping the following in mind:

- Stay at home if you are unwell
- Stay 1.5 metres apart from others
- Wash your hands regularly or use our sanitisation stations
- Avoid touching your face
- Cover coughs and sneezes
- Consider downloading the COVIDSafe app to your phone
- Visitor capacity limits apply



Tips for a sustainable day out

At World Science Festival Brisbane, we are committed to continuous improvement. We have big goals for the future – and we're taking steps each year to make sure we reach our sustainability targets. We hope you can join in, and if we all do a little bit more each year, the future will be bright!

You can help us reduce the environmental impacts of the event with a bit of pre-planning.

-  Leave the car at home
-  Bring a cup or a water refill bottle
-  Use the right bin
-  Learn about the sustainable development goals via the website
-  Celebrate Earth Hour at 8.30pm on Saturday 27 March, outside the museum on the Eastern Terrace.

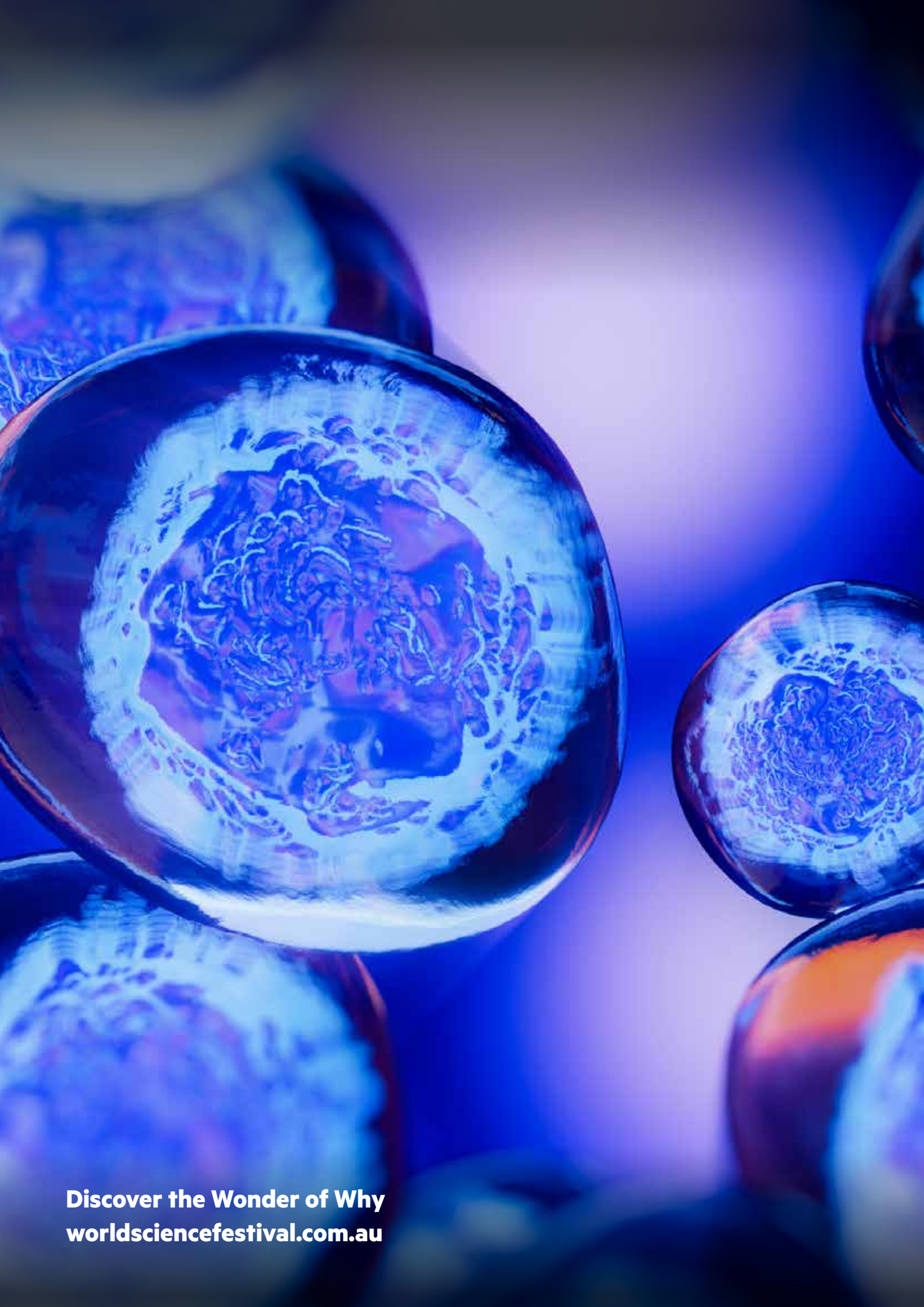
Join the conversation

-  @WSFBrisbane
-  @WorldScienceFestivalBrisbane
-  @WorldScienceFestivalBrisbane
-  @WorldScienceFestivalBrisbane

Share your festival memories using:
#WSFB2021

Accessibility

WSFB is dedicated to being as welcoming and inclusive for the widest audience possible. For more information visit worldsciencefestival.com.au/festival-information/brisbane/accessibility



Discover the Wonder of Why
worldsciencefestival.com.au