

**QUEENSLAND
MUSEUM NETWORK**

PRESENTS

IT'S LIVE!
in Queensland

**World
Science
Festival**
Brisbane

School Program 2022

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QUEENSLAND MUSEUM NETWORK PRESENTS

World Science Festival Brisbane School Program

Wednesday 9 – Friday 11 March 2022

Presented by QPAC

World Science Festival Brisbane is committed to creating engaging experiences for students of all ages, grounded in curriculum and supporting a culture of lifelong learning.

World Science Festival Brisbane's School Program will be held from Wednesday 9 to Friday 11 March 2022. The events will create important opportunities for young minds to engage with STEM outside the formal classroom environment, and have been scheduled specifically to allow students to attend.

Supervision

Adult/Child Ratio

One adult will receive FREE entry to World Science Festival Brisbane School Programs for every:

- 3 x students in Prep
- 5 x students in Years 1 to 6
- 10 x students in Years 7 to 10
- 15 x students in Years 11 to 12

Please note you will need to quote adult numbers when purchasing tickets.

Student Supervision

Group supervisors are responsible for the supervision of students and children while at the World Science Festival Brisbane and should remain with their students at all times.

Bookings

School bookings are essential.

World Science Festival Brisbane programs must be booked through QTIX Group Sales. To book, please complete QTIX's Group Booking Form at www.qtix.com.au/group/school/. If you have any questions, please phone the QTIX Groups Bookings Officer on (07) 3840 7466.

If you wish to visit other exhibitions at Queensland Museum, please book these through Queensland Museum Schools and Groups Bookings. Book online at www.qm.qld.gov.au/Visit+Us/Schools+and+Groups/School+Group+Booking.

If you have any questions, please phone the Queensland Museum Bookings Officer on (07) 3153 4401 from Monday to Friday 8:15am–3:30pm.

Accessibility

At Queensland Museum we aim to provide access to all visitors. There is easy lift access to the Museum from the car park and for bus and taxi passengers from Grey Street.

All entrances and areas are wheelchair accessible. Single user/accessible toilet facilities are located on Level 0, Level 2 and in *SparkLab*, Level 1.

For more information see the accessibility page at www.qm.qld.gov.au/Visit+Us/Access or phone Group Bookings on (07) 3153 4401.

Risk Assessment

Download our updated Risk Assessment guidelines for schools and groups at www.qm.qld.gov.au/Visit+Us/Schools+and+Groups/Planning+your+visit.

Education Online

A range of free, online resources can be found on our website at www.worldsciencefestival.com.au/education-online and www.worldsciencefestival.com.au/cool-jobs.

Book Now www.worldsciencefestival.com.au

THE HATCHERY: School Sessions

- Dates: Wednesday 9 –
Friday 11 March 2022
- Venue: Level 4, Queensland Museum
- Location: Queensland Museum,
Grey Street, South Brisbane
- Session Times: 11:00am–11:30am
11:30am–12:00pm
12:30pm–1:00pm
1:00pm–1:30pm
1:30pm–2:00pm
2:00pm–2:30pm
- Cost: Free
- Age Guide: P–12
- Notes: Please book into one session.
Due to the popularity of this event, only 36 tickets can be issued to each school (30 students plus 6 teachers/carers). There is a limited capacity of 72 per session.


Come say hello to one of Australia's cutest superstars at the World Science Festival Brisbane!

This annual turtle hatching is an important conservation initiative that allows intimate access to Australia's precious Loggerhead turtles. Students will get a rare glimpse of hatching turtles in their incubation chambers and the first moments of their ocean lives as they meet a seawater environment in specially designed tanks.

This initiative is designed in collaboration with internationally renowned herpetologist Colin Limpus and Queensland Museum Senior Curator of Reptiles and Amphibians, Biodiversity Program and Chair of the Animal Ethics Committee Patrick Couper.

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

This program addresses key curriculum, including: Prep (ACSHE013, ACSIS014, ACSIS012), Year 1 (ACSSU017, ACSSU211, ACSHE021, ACSHE022, ACSIS024, ACSIS029), Year 2 (ACSSU030, ACSHE034, ACSHE035, ACSHE034, ACSIS037, ACSIS042), Year 3 (ACSHE050, ACSHE051, ACSIS060), Year 4 (ACSSU072, ACSHE061, ACSHE062, ACSIS071), Year 5 (ACSSU043, ACSHE081, ACSHE083, ACSIS093), Year 6 (ACSHE098, ACSHE100, ACSIS110), Year 7 (ACSSU112, ACSHE223, ACSHE120, ACSIS133), Year 8 (ACSHE226, ACSHE135, ACSIS148).

 **Online Supporting Learning Resources:** [Little Learners:](#)
[Marine Turtle, Queensland Museum: Where the Research Happens](#)





VIP Student Ambassadors Program

World Science Festival Brisbane is looking for passionate students to share their experiences at the Festival in 2022; and the tickets are on us!

We are inviting a lucky few to join us during the festival to help spread the word about the significant role science plays in our lives as it shapes and guides our future. Students will receive special entry to some of the key events in this year's program on Saturday 12 and Sunday 13 March.

Students in Years 10–12 are encouraged to bring their friends and families to show-off their science communication and social media skills as our inaugural WSFB VIP Student Ambassador!

For your chance to be selected as an ambassador fill out the online application form on our [VIP Student Ambassadors page](#) or email us at wsfbrisbane@qm.qld.gov.au by 27 January 2022.

Queensland Museum Exhibitions

Queensland Museum presents a diverse and changing program of exhibitions that tell the stories of Queenslanders, including:

- [Dinosaur Garden](#)
- [Anzac Legacy Gallery](#)
- [Island Futures: What Lies Ahead for Zenadth Kes?](#)
- [Lost Creatures](#)
- [Discovery Centre](#)
- [Wild State.](#)

If you wish to visit any Queensland Museum exhibitions, please book online at www.qm.qld.gov.au/Visit+Us/Schools+and+Groups/School+Group+Booking.

Bookings are essential for all schools and groups, and there are charges for some exhibitions. See www.qm.qld.gov.au/Visit+Us/Schools+and+Groups/Planning+your+visit for details.

If you have any questions about the bookings process, please phone the Queensland Museum Bookings Officer on (07) 3153 4401 from Monday to Friday 8:15am–3:30pm.





SparkLab, Sciencentre Queensland Museum

Date: Wednesday 9 –
Friday 11 March 2022

Venue: Queensland Museum, Level 1

Location: Queensland Museum
Grey Street, South Brisbane

Session Times: 9:45am–11:00am
11:00am–12:15pm
1:00pm–2:15pm


Cost: \$10 per student

Age Guide: P–8

As Queensland Museum’s premier STEM exhibition, students use their inquiry skills as they get hands-on with exhibits. As they play, students ask questions, test out their ideas, observe what happens and share their thinking. They can explore forces, block and mix light, build circuits and more.

At the Maker Space, students design and build a solution to a real-world challenge. Students are encouraged to test out and make improvements on their design. At the Science Bar students direct the investigation and on Science on a Sphere students explore anything from extreme weather events to the surface of Mars.

This exhibition and associated programming addresses key curriculum for Science and Technology – Design and Technologies for Prep to Year 8. Download the relevant year level curriculum links.

 **Online Supporting Learning Resources:** [*SparkLab Exhibition Guide, Curriculum Links Prep – Year 2/ Year 3–4/ Year 5–6/ Year 7–8, Maker Space resources, Activities for the classroom.*](#)

Live Snake Feeding

Date: Wednesday 9 –
Friday 11 March 2022

Venue: Queensland Museum, Level 4

Location: Queensland Museum,
Grey Street, South Brisbane

Session Times: 11:00am–11:30am

Cost: Free, drop in

Age Guide: P–12

Notes: Included as part of
Queensland Museum visit



WHAT A WONDERFUL WORLD: Biodiversity and the Interconnectedness of Life

Date: Wednesday 9 March 2022
Venue: Playhouse
Location: Queensland Performing Arts Centre
Grey Street, South Brisbane
Session Times: 10:00am–11:00am (Years 4–6)
1:00pm–2:00pm (Years 7–12)
Cost: \$10 per student
Age Guide: Years 4–12

The world is an amazing place where everything is interconnected, interdependent and dynamic!

Join Griffith University's biodiversity experts who will showcase some of the fascinating natural systems that support all life on Earth as well as our collective wellbeing. From lifecycles of animal species to the entire ecosystems that support them, students will be asked to think critically in ways that are necessary to create a more sustainable future.

This program addresses key curriculum, including: Year 4 (ACSSU072), Senior Syllabus: Biology Unit 3.

 **Online Supporting Learning Resources:** [Threatened Species](#), [Coral Reef Ecosystems](#), [STEM Video: Ecosystems](#), [Dr Paul Muir](#)


#Where Can Science Take You?

Date: Wednesday 9 March 2022
Venue: The Nucleus
Location: South Brisbane
Session Times: 10:00am–11:00am (Years 7–12)
1:00pm–2:00pm (Years 4–6)
Cost: \$10 per student
Age Guide: Years 7–12

A career in STEM can take you to some extraordinary places and on some epic adventures to uncover the mysteries of our amazing planet.

Showcasing a variety of STEM and industry professionals, this stage spectacular will allow students to discover real-world inspirational jobs that show there's no limit to where they might go and what they can do!

This program addresses key curriculum, including: Year 7 (ACSHE121), Year 8 (ACSHE136).

 **Online Supporting Learning Resources:** [STEM Careers: Dr Paul Muir](#), [STEM Careers: Dr Espen Knutsen](#), [Cool Jobs: Statistician](#)

STEM Innovation Sports

Date: Wednesday 9 March 2022
Venue: Theatre, Queensland Museum, Level 2
Location: Queensland Museum
Grey Street, South Brisbane
Session Times: 9:30am–3:00pm
Cost: \$10 per student
Age Guide: Years 4–7

World Science Festival Brisbane and STEM Punks are bringing 'Innovation Sports' to Brisbane!

Eight schools will be invited to compete in a Design Thinking and Minecraft speed build challenge. There will be two qualifying rounds and a final.

This competition is to find the region's quickest thinkers, fastest builders and best designers... the prize? Bragging rights and of course the championship belt!

This program addresses key curriculum, including: Year 3 and 4 (ACTDIK007, ACTDIK008, ACTDIP010, ACTDIP012, ACTDEK010, ACTDEP015, ACTDEP017, ACTDEP018), Years 5 and 6 (ACTDIK014, ACTDIP016, ACTDIP017, ACTDIP019, ACTDEK019, ACTDEP024, ACTDEP025, ACTDEK023, ACTDEP028).

Future Foods

Date: Wednesday 9 March 2022
Venue: The Edge
Location: State Library of Queensland
Stanley Place, South Brisbane
Session Times: 9:30am–10:30am
Cost: \$10 per student
Age Guide: Years 3–6

This fun and interactive workshop is designed to look at some of the challenges facing our global community when it comes to the production, distribution and consumption of food.

Exploring topics ranging from vertical farming to lab-grown meats, 3D printed foods and more, this session is great for students looking to extend their thinking and solve some global challenges.

This program addresses key curriculum, including: Year 3 (ACSHE051), Year 4 (ACSHE062, ACHASSK090), Year 5 (ACSHE081, ACSHE083, ACHASSK120), Year 6 (ACSHE100).

 **Online Supporting Learning Resources:** [Finding Solutions: It's A Marathon](#)

Ethical Innovations

Date: Wednesday 9 March 2022
Venue: The Edge
Location: State Library of Queensland
Stanley Place, South Brisbane
Session Times: 11:00am–12:00pm
Cost: \$10 per student
Age Guide: Years 3–6

Just because we can, does it mean we should?

In this workshop, students will be looking at a range of controversial technological questions such as ‘do robots deserve human rights?’ and ‘should we implement social credit score systems?’ as they look at the ethics associated with new and emerging technologies.

This program addresses key curriculum, including: Year 3 (ACSHE050, ACSHE051, ACHASSK070), Year 4 (ACSHE061, ACSHE062, ACHASSK090), Year 5 (ACSHE081, ACSHE083, ACHASSK120), Year 6 (ACSHE098, ACSHE100, ACHASSK149, ACHASSK190).

Online Supporting Learning Resources:

[Plastic Planet: Community of Inquiry](#)

Community Leaders

Date: Wednesday 9 March 2022
Venue: The Edge
Location: State Library of Queensland
Stanley Place, South Brisbane
Session Times: 1:00pm–2:00pm
Cost: \$10 per student
Age Guide: Years 7–10

Whether it’s a robot that delivers groceries to the elderly, or a bin that gives you a round of applause when you put rubbish in it, this fun and interactive workshop shows students how they can make a difference in their community in some fun and creative ways.

This program addresses key curriculum, including: Year 7 (ACSHE119, ACSHE120, ACSHE121), Year 8 (ACSHE134, ACSHE226, ACSHE135, ACSHE136), Year 9 (ACSHE157, ACSHE160, ACSHE228), Year 10 (ACSHE191, ACSHE194, ACSHE230).

Online Supporting Learning Resources:

[Finding Solutions: It’s A Marathon](#), [SparkLab Maker Space: Take A Seat](#), [SparkLab Maker Space: Air Machines](#)

Thursday 10 March 2022


IGNITING THE MAGIC OF CHEMISTRY: Chemical Transformations and Perplexing Reactions

Date: Thursday 10 March 2022
Venue: Playhouse
Location: Queensland Performing Arts Centre
Grey Street, South Brisbane
Session Times: 10:00am–11:00am (Years 4–6)
1:00pm–2:00pm (Years 7–12)
Cost: \$10 per student
Age Guide: Years 4–12

With a BING, BANG, and KA-BOOM come and see how chemistry impacts the world around us.

In this colourful (and loud!) stage show, students will join QUT’s leading chemistry experts who will unravel the mysteries of the atom, explore molecular interactions and understand the many different behaviours of matter—be they solids, liquids or gas!

This program addresses key curriculum, including: Year 4 (ACSIS068, ACSIS071), Year 5 (ACSSU077, ACSIS231, ACSIS093), Year 6 (ACSIS232, ACSIS110), Year 7 (ACSIS124, ACSIS133), Year 8 (ACSSU225, ACSIS139, ACSIS133), Year 9 (ACSSU177, ACSSU178, ACSSU179), Year 10 (ACSSU187), Senior Syllabus: Chemistry Unit 1 & 2.

 Online Supporting Learning Resources: [SparkLab Mix Master](#), [Investigating Ocean Acidification: Student Investigations](#), [Cleaning by Chemical Reaction](#)

MathGames!

Date: Thursday 10 March 2022
Venue: The Nucleus
Location: South Brisbane
Session Times: 10:00am–11:00am (Years 7–12)
1:00pm–2:00pm (Years 4–6)
Cost: \$10 per student
Age Guide: Years 7–12

Mathematics is embedded into every element of our daily lives — it is omnipresent and essential to our world but understanding its language and processes can sometimes be tricky.

A team of fun and creative mathematicians are here to help! This colourful stage show will take students on a fun and exciting journey of mind-blowing numerical puzzles and games using problem solving and logic to convert any mathematical sceptic into a math lover. Don’t miss out!

This program addresses key curriculum, including: General Capabilities: Numeracy.






INSECT INVESTIGATORS: Uncovering Australia's Biodiversity

Date: Thursday 10 March 2022
Venue: Theatre, Queensland Museum, Level 2
Location: Queensland Museum
Grey Street, South Brisbane, Queensland
Session Times: 11:00am–12:00pm
Cost: \$10 per student
Age Guide: Years 3–6

In this exciting showcase of Queensland Museum's special entomology collection, join Senior Curator Christine Lambkin and Collection Manager Susan Wright who will spark your creepy-crawly curiosity and share their secrets about Australia's scientific understanding and research happening right here in Brisbane.

Students will also learn how they can contribute to these valuable collections through a powerful new citizen science initiative, INSECT INVESTIGATORS where scientists and schools can come together to discover, describe and document Australia's amazing biodiversity!

This program addresses key curriculum, including: Year 3 (ACSSU044, ACSHE050, ACSHE051, ACSIS060), Year 4 (ACSHE061, ACSHE062, ACSIS071), Year 5 (ACSSU043, ACSHE081, ACSHE083, ACSIS093), Year 6 (ACSHE098, ACSHE100, ACSIS110).

 **Online Supporting Learning Resources:** [I Am a Scientist: Investigating Insects](#), [Camouflage Masters: Life Cycles](#), [STEM Careers: Dr Christine Lambkin, Entomologist](#)

For the Teachers: Science Communication Soirée

Date: Thursday 10 March 2022
Venue: Theatre, Queensland Museum, Level 2
Location: Queensland Museum
Grey Street, South Brisbane
Session Times: 6:00pm–7:00pm
Cost: \$20
Audience Guide: Science and Mathematics Educators

The practice of informing, educating, and raising awareness of science-related topics is fundamental to educators, but what makes a great science communicator? How do you communicate with influence and what are the pitfalls? Come and explore this important skill with likeminded people at the World Science Festival Brisbane.

This is a great opportunity to learn from Australia's best science communicators and meet your STEM colleagues – from teachers to university students this event is not to be missed.

Homes of the Future

Date: Thursday 10 March 2022
Venue: The Edge
Location: State Library of Queensland
Stanley Place, South Brisbane
Session Times: 9:30am–10:30am
Cost: \$10 per student
Age Guide: Years 3–6

Did you know that the average household has approximately eight smart devices?

This workshop will examine exciting technologies as students design their own connected home of the future. In the session, students will be looking at how they can utilise existing technologies, as well as adopting new and emerging technologies to design a smart and sustainable home.


This program addresses key curriculum, including: Year 4 (ACSHE062, ACHASSK090), Year 5 (ACSHE083, ACHASSK120), Year 6 (ACSHE100, ACSSU097, ACHASSK149, ACHASSK190).

Future of Work

Date: Thursday 10 March 2022
Venue: The Edge
Location: State Library of Queensland
Stanley Place, South Brisbane
Session Times: 1:00pm–2:00pm
Cost: \$10 per student
Age Guide: Years 7–10

What are some of the amazing opportunities available to students when it comes to the future of work? Looking at 100 Jobs of the Future, students will explore roles that are expected to become available in the next 20–50 years. Students are invited to examine job descriptions, building resumes and link these roles to jobs that already exist today to demystify the fear surrounding the future of work. This is a fun, fast-paced, hands-on workshop perfect for students wanting to explore their future pathways.

This program addresses key curriculum, including: Year 7 (ACSHE120, ACSHE121), Year 8 (ACSHE226, ACSHE135, ACSHE136), Year 9 (ACSHE157, ACSHE160), Year 10 (ACSHE191, ACSHE192, ACSHE194, ACSHE230).

 **Online Supporting Learning Resources:** [STEM Careers: Dr Jessica Worthington-Wilmer](#), [Cool Jobs: Rocket Science](#), [Cool Jobs: 3D Printing & Micro Surgery](#)



Curious schools wanted!



In 2022, Curiocity Brisbane will be delivered as part of World Science Festival Brisbane, presented by Queensland Museum Network.

Queensland Museum Network invites Queensland primary and secondary schools to submit ideas for 2022 Curiocity Schools Challenge. We want your brains and your creative flair!

Curiocity Brisbane Art Installations

Curiocities are interactive digital and physical installations that celebrate the intersection of science, technology, engineering, art and math. Mind-blowing temporary outdoor installations that will transform Brisbane into a playground for the public to engage with and be inspired by the intersection of science and art.

Why enter?

If successful, your school's Curiocity idea will come to life — specially built and displayed as part of Curiocity Brisbane at World Science Festival Brisbane 2022. In addition, the school will have the opportunity to take part in the official opening of World Science Festival Brisbane and Curiocity Brisbane.

How to take part

Schools, classes or individual students are invited to develop ideas for an installation that they can build. Remember, the installation can be physical or digital and needs to relate to one or more STEM principles.

Submissions due by 30th November 2021. Only one submission per school will be accepted.

Successful submissions will be notified by 3 December 2021.

How many Curiocities will be selected?

Submissions from two primary schools and two secondary schools will be selected for inclusion in Curiocity Brisbane at World Science Festival Brisbane 2022.

If we are selected, what happens next?

In Term 1 in 2022, Queensland Museum Network will send a professional artist to your school to help students develop the idea and create the installation. (Timing of this visit will be confirmed with the successful schools.) Queensland Museum will fund the materials to create the installation, as well as travel expenses to attend the opening of World Science Festival Brisbane!

Queensland Museum Network will fund the materials to help make the installation.

How to enter

Fill out our online application form describing your bright idea at www.worldsciencefestival.com.au/curiocity-brisbane/curiocity-schools-challenge-2022 by 30 November 2021.

Questions?


Email us at wsfbrisbane@qm.qld.gov.au

Space Designers

Date: Thursday 10 March 2022
Venue: The Edge
Location: State Library of Queensland
Stanley Place, South Brisbane
Session Times: 11:00am–12:00pm
Cost: \$10 per student
Age Guide: Years 3–6

Students will explore the exciting world of space design, and how these advancements are all about smart engineering, innovative design and big picture thinking! In this interactive workshop students will work through a series of challenges aimed at designing, problem-solving, and creating in the exciting world of space.

This program addresses key curriculum, including: Year 3 (ACSSU048, ACSHE050), Year 4 (ACSSU075, ACSHE061, ACSHE062), Year 5 (ACSSU078, ACSHE081, ACSHE083), Year 6 (ACSHE098, ACSHE100).

 **Online Supporting Learning Resources:** [Space Exploration: Community of Inquiry](#), [Beyond Earth: Colonising Space](#), [Beyond Earth: Shelter from the Elements](#)

Friday 11 March 2022


Dr Chris Ferrie's Practical Science

Date: Friday 11 March 2022
Venue: The Nucleus
Location: South Brisbane
Session Times: 10:00am–11:00am (Years 7–12)
1:00pm–2:00pm (Years 4–6)
Cost: \$10 per student
Age Guide: Years 7–12

What's more fun than a practical joke? A SCIENTIFIC practical joke! Learn about science while performing fun and hilarious pranks from the number one bestselling science author for kids Dr Chris Ferrie. Using everyday household items, students can exploit the laws of physics, biology, and chemistry through entertaining (and perfectly safe) activities.

Formulate questions and hypothesis, observe, ask questions and engage in discussions using everyday things!

This program addresses key curriculum, including: Year 7 (ACSI124, ACSIS133), Year 8 (ACSUS139, ACSIS148).


 **Online Supporting Learning Resources:** [SparkLab: Mix Master](#), [Science of Change](#), [Life and Explosions](#)

THE CURIOUS WORLD OF PHYSICS: The Power of Matter and Energy

Date: Friday 11 March 2022
Venue: Playhouse
Location: Queensland Performing Arts Centre
Grey Street, South Brisbane
Session Times: 10:00am–11:00am (Years 4–6)
1:00pm–2:00pm (Years 7–12)
Cost: \$10 per student
Age Guide: Years 4–12

How can we understand the universe? With physics of course! The same laws of physics apply to every aspect of the world we live in—from colliding galaxies to roller-skating. University of Queensland physics experts will de-mystify the exciting world of physics through live demonstrations and colourful explanations. You've never seen anything like this before!

This program addresses key curriculum, including: Year 4 (ACSHE061, ACSIS064, ACSIS071), Year 5 (ACSI231, ACSIS093), Year 6 (ACSI232, ACSIS110), Year 7 (ACSI124, ACSIS133), Year 8 (ACSI139, ACSIS133).

 **Online Supporting Learning Resources:** [SparkLab: Gravity](#), [Run, Keep Your Cool: Energy Transfers and Transformations](#), [Are You on My Wavelength?](#)





Wild Rangers: Wildlife Spectacular!


Date: Friday 11 March 2022
Venue: Queensland Museum Theatre, Level 2
Location: Queensland Museum
Grey Street, South Brisbane
Session Times: 10:00am–10:30am
11:00am–11:30am
12:00pm–12:30pm
Cost: \$10 per student
Age Guide: Years P–3

See mammals, reptiles and more as they arrive at the World Science Festival Brisbane for a special live-animal show!

Students will have the opportunity to get up close and personal with some of Australia's favourite animals. Learn all about their day to day lives, observable features, discuss the importance of conservation and why protecting our native species and their habitats is so important.

This event is recommended for students in Years P–3.

This program addresses key curriculum, including: Prep (ACSSU002, ACSHE013, ACSIS014, ACSIS233, ACSIS012), Year 1 (ACSSU017, ACSSU211, ACSHE021, ACSHE022, ACSIS024, ACSIS029), Year 2 (ACSHE034, ACSHE035, ACSIS037, ACSIS042).

 **Online Supporting Learning Resources:** [Little Learners Frilled-neck Lizard](#), [Little Learners Magpie](#), [Little Learners Sugar Glider](#)

Future of Sport

Date: Friday 11 March 2022
Venue: The Edge
Location: State Library of Queensland
Stanley Place, South Brisbane
Session Times: 9:30am–10:30am
Cost: \$10 per student
Age Guide: Years 3–6

This interactive workshop will explore sports from the past, present and then imagining into the future. From sporting history to the changes in the sporting industry over the last few centuries this workshop will explore what sport looks like today and the impact that technology has had on our training, equipment and performance.

This workshop will also require some creative juices as students design their own sport of the future complete with rules, equipment and technology!

This program addresses key curriculum, including: Year 9 (ACSHE160).

Future of Transport

Date: Friday 11 March 2022
Venue: The Edge
Location: State Library of Queensland
Stanley Place, South Brisbane
Session Times: 11:00am–12:00pm
Cost: \$10 per student
Age Guide: Years 3–6

From redesigning public transport systems to exploring how we travel in cities around the world, this interactive workshop has been designed to get students reimagining how we move around our cities and across the globe.

Students will and work on a range of challenges around the future of transport in a fun and creative environment.

This program addresses key curriculum, including: Year 3 (ACSHE051), Year 4 (ACSHE062), Year 5 (ACSHE081, ACSHE083), Year 6 (ACSHE098, ACSHE100).

 **Online Supporting Learning Resources:** [Future of Rail: A Design Challenge](#)


Ethical Innovations

Date: Friday 11 March 2022
Venue: The Edge
Location: State Library of Queensland
Stanley Place, South Brisbane
Session Times: 1:00pm–2:00pm
Cost: \$10 per student
Age Guide: Years 7–10

Just because we can, does it mean we should?

In this exciting workshop, students will look at a range of controversial technological questions such as 'do robots deserve human rights?' and 'should we implement social credit score systems?' as they examine the ethics associated with new and emerging technologies.

This program addresses key curriculum, including: Year 7 (ACSSU116, ACSHE119, ACSHE120, ACSHE121), Year 8 (ACSHE134, ACSHE226, ACSHE135, ACSHE136), Year 9 (ACSHE157, ACSHE160, ACSHE228), Year 10 (ACSHE191, ACSHE192, ACSHE194, ACSHE230).

 **Online Supporting Learning Resources:** [Inspired by Nature](#), [Plastic Planet: Community of Inquiry](#), [First World War: Community of Inquiry](#)

Suggested Itineraries

Prep – Year 2

Start	End	Friday 11 March		
9:30am	10:00am	Wild Rangers	City of Science	
10:00am	10:30am	Queensland Museum		
10:30am	11:00am		Curiosity Brisbane	Queensland Museum
11:00am	11:30am	The Hatchery	Wild Rangers	
11:30am	12:00pm	City of Science	Curiosity Brisbane	The Hatchery
12:00pm	12:30pm	Lunch		
12:30pm	1:00pm			
1:00pm	1:30pm	City of Science	The Hatchery	Wild Rangers
1:30pm	2:00pm	Curiosity Brisbane	Queensland Museum	Curiosity Brisbane
2:00pm	2:30pm			

Year 3

Start	End	Wednesday 9 March		Thursday 10 March		Friday 11 March			
9:30am	10:00am	Future Foods		Homes of the Future		Future of Sport		Wild Rangers	Curiosity Brisbane
10:00am	10:30am							Curiosity Brisbane	City of Science
10:30am	11:00am	Curiosity Brisbane		City of Science		City of Science			
11:00am	11:30am	Ethical Innovations	Queensland Museum	Space Designers	Insect Investigators	Lunch	Lunch	Future of Transport	Wild Rangers
11:30am	12:00pm								
12:00pm	12:30pm	Lunch		Lunch	Lunch	Queensland Museum			
12:30pm	1:00pm								The Hatchery
1:00pm	1:30pm	The Hatchery	City of Science	The Hatchery	Queensland Museum	Wild Rangers	City of Science		Queensland Museum
1:30pm	2:00pm	Queensland Museum	Curiosity Brisbane	Queensland Museum		Queensland Museum			
2:00pm	2:30pm			The Hatchery	The Hatchery	The Hatchery			Curiosity Brisbane

Year 4

Start	End	Wednesday 9 March				Thursday 10 March		Friday 11 March		
9:30am	10:00am	Curiosity Brisbane	STEM Innovation Challenge	Future Foods	City of Science	Curiosity Brisbane	City of Science	Curiosity Brisbane	City of Science	Curiosity Brisbane
10:00am	10:30am	What a Wonderful World		Queensland Museum		City of Science		City of Science		The Curious World of Physics
10:30am	11:00am	Queensland Museum		Lunch		Insect Investigators		Future of Transport		Queensland Museum
11:00am	11:30am	The Hatchery	City of Science	Lunch	City of Science	Lunch	The Hatchery	Lunch	The Hatchery	City of Science
12:00pm	12:30pm	Lunch		The Hatchery		The Hatchery		Queensland Museum		
12:30pm	1:00pm	City of Science		City of Science		Queensland Museum		Queensland Museum		
1:00pm	1:30pm	Curiosity Brisbane	Curiosity Brisbane	Curiosity Brisbane	Curiosity Brisbane	The Hatchery	The Hatchery	The Hatchery	The Hatchery	The Hatchery
1:30pm	2:00pm									
2:00pm	2:30pm									

Year 5

Start	End	Wednesday 9 March				Thursday 10 March		Friday 11 March		
9:30am	10:00am	Curiosity Brisbane	STEM Innovation Sports	City of Science	City of Science	Curiosity Brisbane	City of Science	Curiosity Brisbane	City of Science	Curiosity Brisbane
10:00am	10:30am	What a Wonderful World		City of Science		Igniting the Magic of Chemistry		Curiosity Brisbane		The Curious World of Physics
10:30am	11:00am	Curiosity Brisbane		Ethical Innovations		Curiosity Brisbane		Future of Transport		Curiosity Brisbane
11:00am	11:30am	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
11:30am	12:00pm	The Hatchery		Queensland Museum		The Hatchery		Queensland Museum		The Hatchery
12:00pm	12:30pm	Queensland Museum		City of Science		City of Science		City of Science		City of Science
12:30pm	1:00pm	Curiosity Brisbane	Curiosity Brisbane	Curiosity Brisbane	Curiosity Brisbane	Curiosity Brisbane	Curiosity Brisbane	Curiosity Brisbane	Curiosity Brisbane	Curiosity Brisbane
1:00pm	1:30pm									
1:30pm	2:00pm									
2:00pm	2:30pm									

Year 6

Start	End	Wednesday 9 March			Thursday 10 March			Friday 11 March		
9:30am	10:00am	Future Foods		Curiosity Brisbane	STEM Innovation Sports		City of Science	Curiosity Brisbane	Future of Sport	Curiosity Brisbane
10:00am	10:30am			City of Science			Curiosity Brisbane	Igniting the Magic of Chemistry	City of Science	The Curious World of Physics
10:30am	11:00am	Queensland Museum		Ethical Innovations			Curiosity Brisbane	Curiosity Brisbane	City of Science	City of Science
11:00am	11:30am	Lunch		Lunch			Space Designers	Lunch	Lunch	
11:30am	12:00pm									
12:00pm	12:30pm	The Hatchery					Lunch	The Hatchery	The Hatchery	Lunch
12:30pm	1:00pm									
1:00pm	1:30pm	City of Science		Queensland Museum			The Hatchery	Queensland Museum	Queensland Museum	
1:30pm	2:00pm						Queensland Museum	City of Science		
2:00pm	2:30pm	Curiosity Brisbane		The Hatchery	City of Science				Curiosity Brisbane	The Hatchery

Year 7

Start	End	Wednesday 9 March			Thursday 10 March			Friday 11 March		
9:30am	10:00am	City of Science			STEM Innovation Sports		City of Science	City of Science		
10:00am	10:30am									
10:30am	11:00am	Queensland Museum	The Hatchery	Queensland Museum			Queensland Museum	Queensland Museum	Queensland Museum	
11:00am	11:30am						The Hatchery	The Hatchery		
11:30am	12:00pm	Queensland Museum	The Hatchery	The Hatchery			Queensland Museum	Queensland Museum	The Hatchery	
12:00pm	12:30pm	Lunch					Lunch	Lunch		
12:30pm	1:00pm									
1:00pm	1:30pm	Where Can Science Take You?	Community Leaders				Igniting the Magic of Chemistry	Future of Work	The Curious World of Physics	Ethical Innovations
1:30pm	2:00pm							MATHS GAMES	Future of Sport	Ferrie
2:00pm	2:30pm	Curiosity Brisbane			Curiosity Brisbane				Curiosity Brisbane	



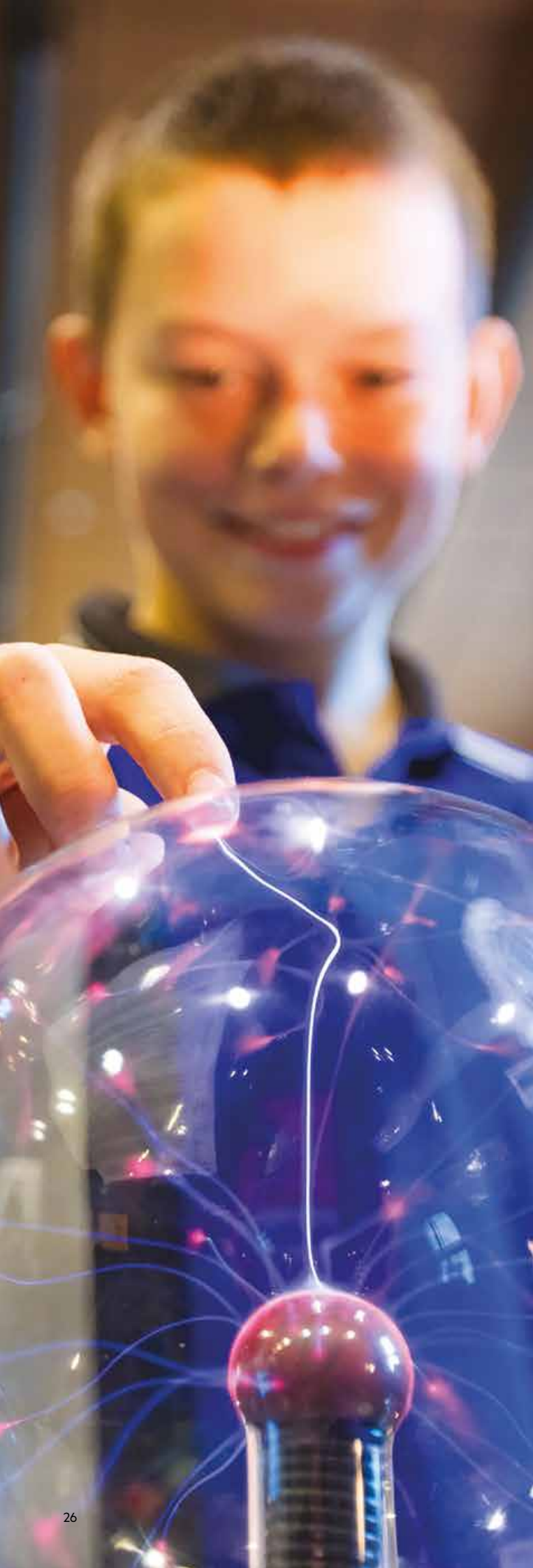


Year 8-9

Start		End		Wednesday 9 March				Thursday 10 March				Friday 11 March			
9:30am		10:00am		City of Science				City of Science				City of Science			
10:00am		10:30am													
10:30am		11:00am		Queensland Museum		Queensland Museum		Queensland Museum		Queensland Museum		Queensland Museum		Queensland Museum	
11:00am		11:30am		The Hatchery		The Hatchery		The Hatchery		The Hatchery		The Hatchery		The Hatchery	
11:30am		12:00pm		Queensland Museum		The Hatchery		Queensland Museum		The Hatchery		Queensland Museum		The Hatchery	
12:00pm		12:30pm		Lunch				Lunch				Lunch			
12:30pm		1:00pm													
1:00pm		1:30pm		Where Can Science Take You?		Community Leaders		What a Wonderful World		Future of Work		MATHS GAMES		Future of Sport	
1:30pm		2:00pm								Igniting the Magic of Chemistry		The Curious World of Physics		Dr Chris Ferrie	
2:00pm		2:30pm		Curiosity Brisbane				Curiosity Brisbane				Curiosity Brisbane			
												Ethical Innovations			

Year 10

Start		End		Wednesday 9 March		Thursday 10 March		Friday 11 March	
9:30am	10:00am	Curiosity Brisbane		Curiosity Brisbane		Curiosity Brisbane		Curiosity Brisbane	
10:00am	10:30am	Where Can Science Take You?		MATHS GAMES		Dr Chris Ferrie			
10:30am	11:00am								
11:00am	11:30am	Queensland Museum	Queensland Museum	Queensland Museum	Queensland Museum	Queensland Museum	Queensland Museum	Queensland Museum	Queensland Museum
11:30am	12:00pm	The Hatchery	The Hatchery		The Hatchery		The Hatchery		The Hatchery
12:00pm	12:30pm	Lunch		Lunch		Lunch		Lunch	
12:30pm	1:00pm								
1:00pm	1:30pm	Community Leaders	What a Wonderful World	City of Science	Igniting the Magic of Chemistry	Future of Work	City of Science	The Curious World of Physics	Future of Sport
1:30pm	2:00pm							City of Science	Ethical Innovations
2:00pm	2:30pm	City of Science		The Hatchery	City of Science	City of Science	The Hatchery	City of Science	The Hatchery



Year 11-12

Start	End	Wednesday 9 March	Thursday 10 March	Friday 11 March
9:30am	10:00am	Curiosity Brisbane	Curiosity Brisbane	Curiosity Brisbane
10:00am	10:30am	Where Can Science Take You?	MATHSGAMES	Dr Chris Ferrie
10:30am	11:00am			
11:00am	11:30am	City of Science	City of Science	City of Science
11:30am	12:00pm	Lunch	The Hatchery	The Hatchery
12:00pm	12:30pm		Lunch	Lunch
12:30pm	1:00pm	The Hatchery		
1:00pm	1:30pm	What a Wonderful World	Igniting the Magic of Chemistry	The Curious World of Physics
1:30pm	2:00pm	Queensland Museum	Queensland Museum	The Hatchery
2:00pm	2:30pm	City of Science	Curiosity Brisbane	City of Science
				Queensland Museum

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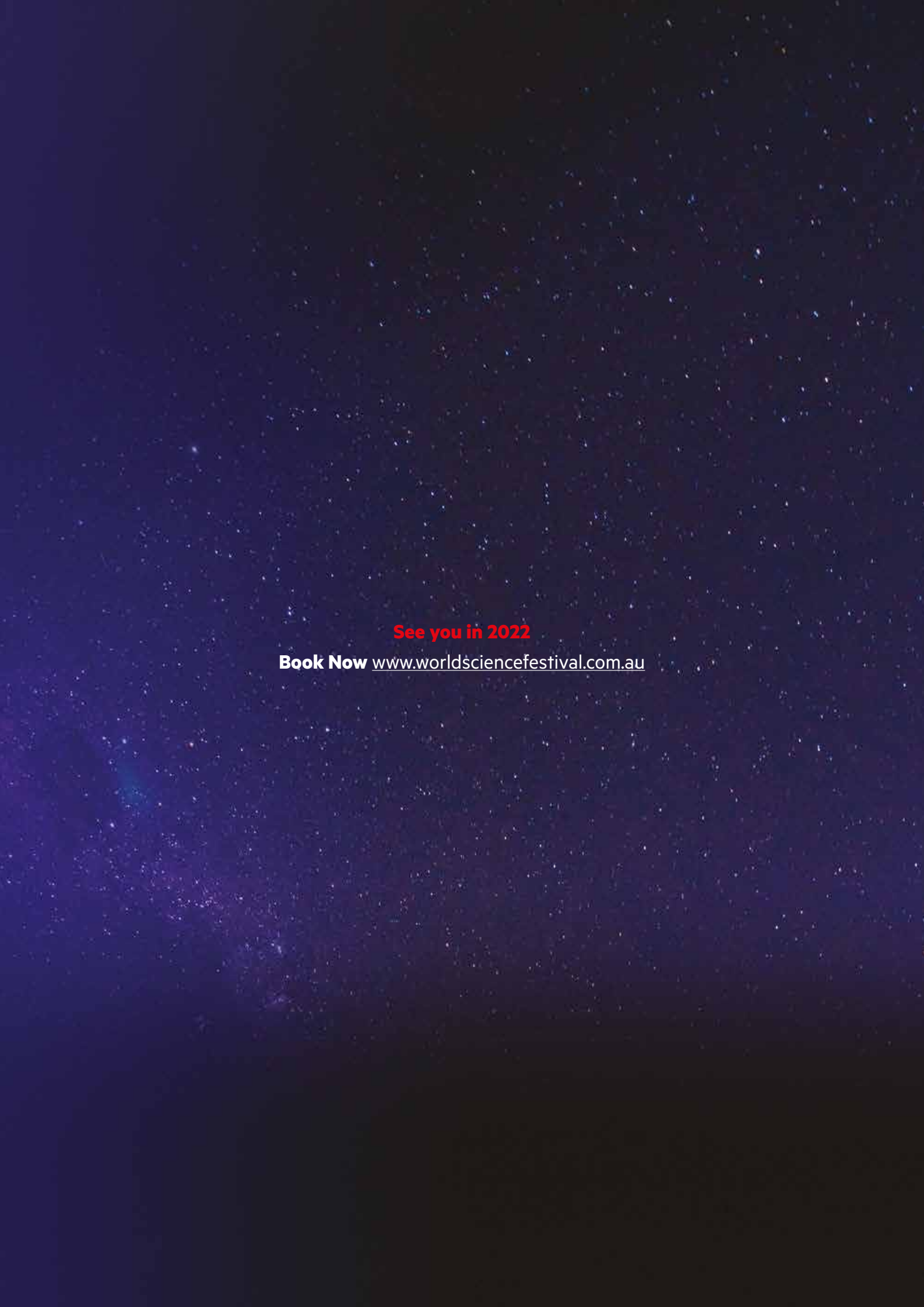


World Science Festival Queensland

2022 Regional Dates

The festival continues across regional and remote Queensland in 2022.

- | | |
|------------------|---|
| May | Townsville
Museum Of Tropical Queensland
Friday 13 and Saturday 14 May |
| June | Gladstone
Gladstone Entertainment and Convention Centre
Friday 17 and Saturday 18 June |
| July | Chinchilla
Chinchilla Cultural Centre
Friday 29 and Saturday 30 July |
| September | Ipswich
The Workshop Rail Museum
Friday 9 and Saturday 10 September |
| October | Toowoomba
Cobb+Co Museum
Sunday 9 and Monday 10 October |



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