



# Festival of Bright Ideas

Event Briefing and Safety Induction  
for Volunteers

August 2025





## Acknowledgement of Country

Today we are meeting on lutruwita (Tasmania) Aboriginal land, sea and waterways. I acknowledge, with deep respect the traditional owners of this land, the muwinina people, which we meet today.

The muwinina people belong to the oldest continuing culture in the world. They cared and protected Country for thousands of years. They knew this land, they lived on the land and they died on these lands. I honour them.

For the muwinina people, the area around nipaluna (Hobart) was their Country and they called Mount Wellington kunanyi.

I acknowledge that it is a privilege to stand on Country and walk in the footsteps of those before us. Beneath the mountain, among the gums and waterways that continue to run through the veins of the Tasmanian Aboriginal community.

I pay my respects to elders past and present and to the many Aboriginal people that did not make elder status and to the Tasmanian Aboriginal community that continue to care for Country.

I recognise a history of truth which acknowledges the impacts of invasion and colonisation upon Aboriginal people resulting in the forcible removal from their lands.

Our Island is deeply unique, with spectacular landscapes with our cities and towns surrounded by bushland, wilderness, mountain ranges and beaches.

I stand for a future that profoundly respects and acknowledges Aboriginal perspectives, culture, language and history. And a continued effort to fight for Aboriginal justice and rights paving the way for a strong future.

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# FOBI's mission

1

To celebrate the important role that STEM disciplines play in our everyday lives

2

To acknowledge the value and strengths of the Tasmanian STEM sector

3

To inspire Tasmanian youth, igniting the aspirations of students to pursue an interest in STEM

4

To cultivate the curiosity of life-long learners of all ages

5

To encourage and partner with STEM organisations to share this vision of an engaged and informed community



THANK  
YOU!!!



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## Event dates and location

### **Schools Day**

Friday 22 August

9:00am-2:30pm

### **Public Day**

Saturday 23 August

9:00am – 4:30pm

Princes Wharf 1  
Castray Esplanade, Hobart

# Event delivery

**Wed  
20 Aug**

**Event bump-in**

Activity providers  
with extra-large  
items set up their  
sites



**Thurs  
21 Aug**

**Event bump-in**

Activity providers  
set up their sites



**Fri  
22 Aug**

**SCHOOLS DAY**



**Sat  
23 Aug**

**PUBLIC DAY**

**Event bump-out**  
From 4.30pm:  
Volunteer &  
Activity providers  
pack up their sites



**Mon  
25 Aug**

**Event bump-out**

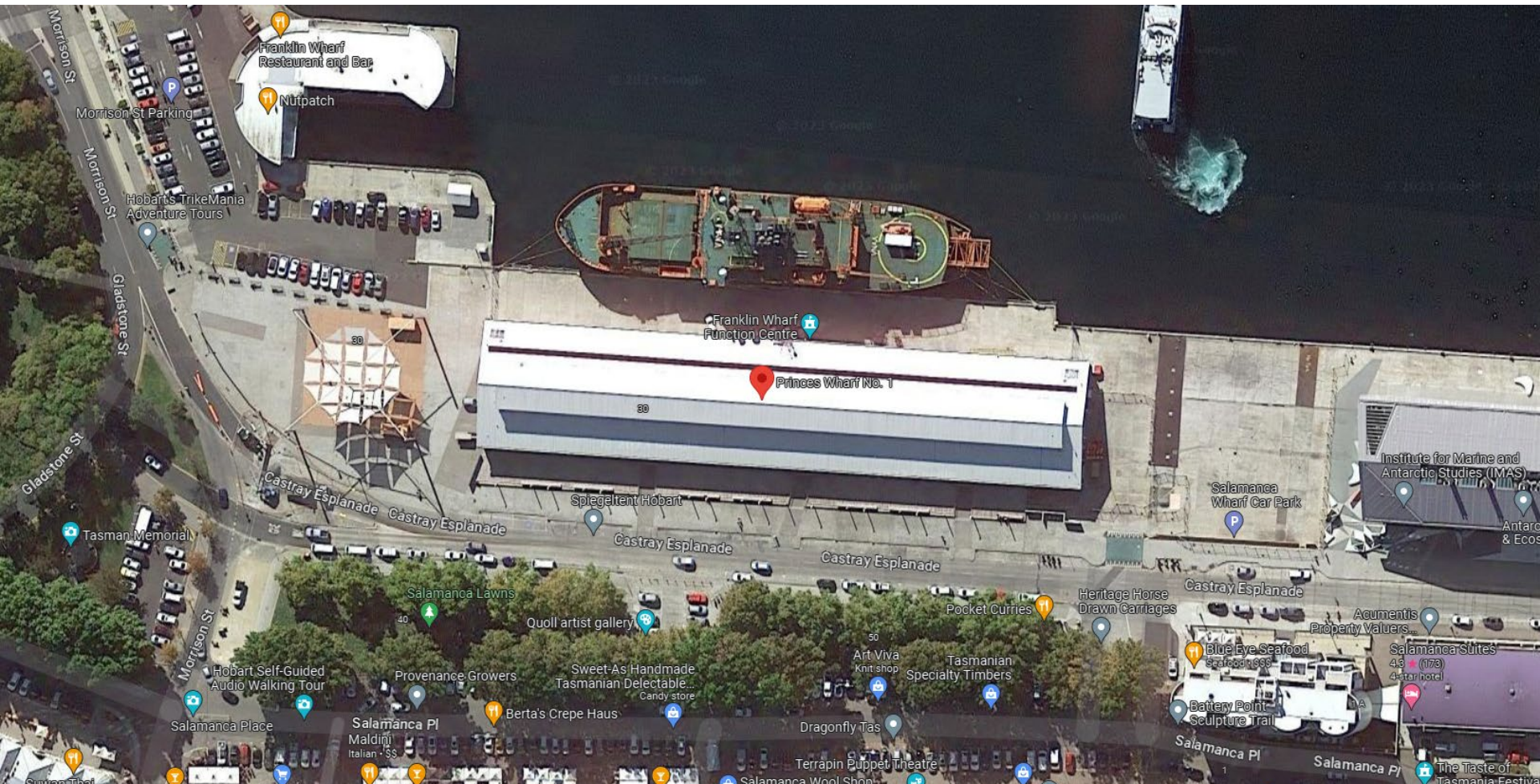
Activity providers  
with extra-large  
items bump out



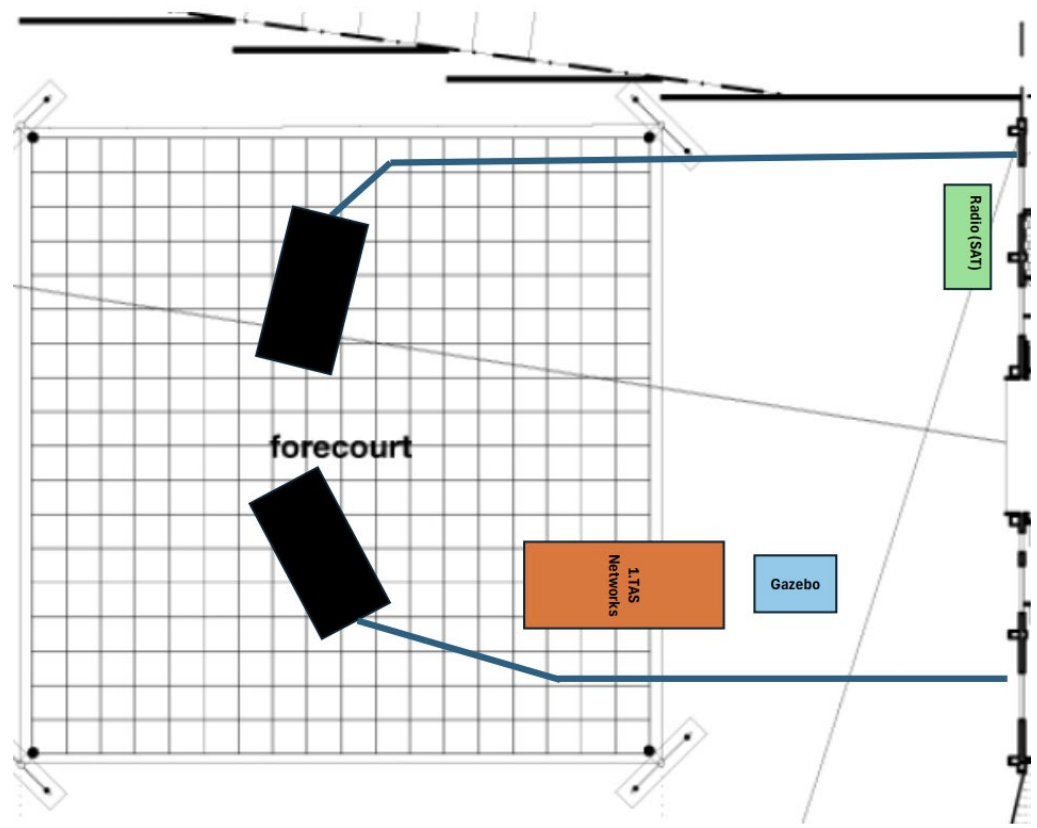


# Princes Wharf 1, Castray Esplanade, Hobart

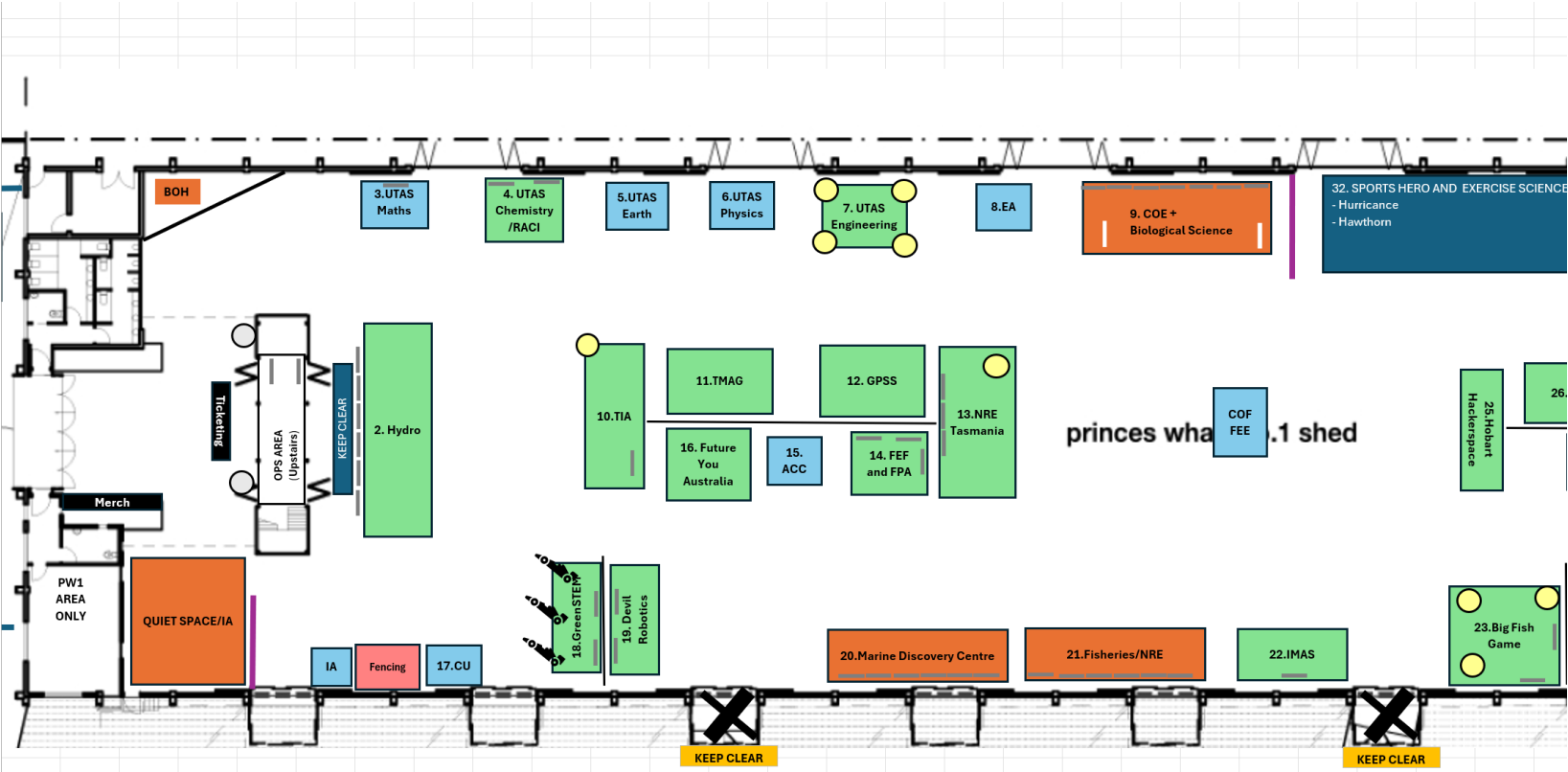
This aerial map of Hobart, Tasmania, provides a detailed view of the waterfront area. The central focus is the large, white-roofed building of Princes Wharf No. 1, situated along Castray Esplanade. To its north, the Franklin Wharf Function Centre and the Franklin Wharf Restaurant and Bar are visible. The map also shows the surrounding streets, including Morrison St, Gladstone St, and Salamanca Pl. Various landmarks and businesses are labeled, such as the Tasman Memorial, Salamanca Place, and the Institute for Marine and Antarctic Studies (IMAS). A red pin indicates the specific location of Princes Wharf No. 1.



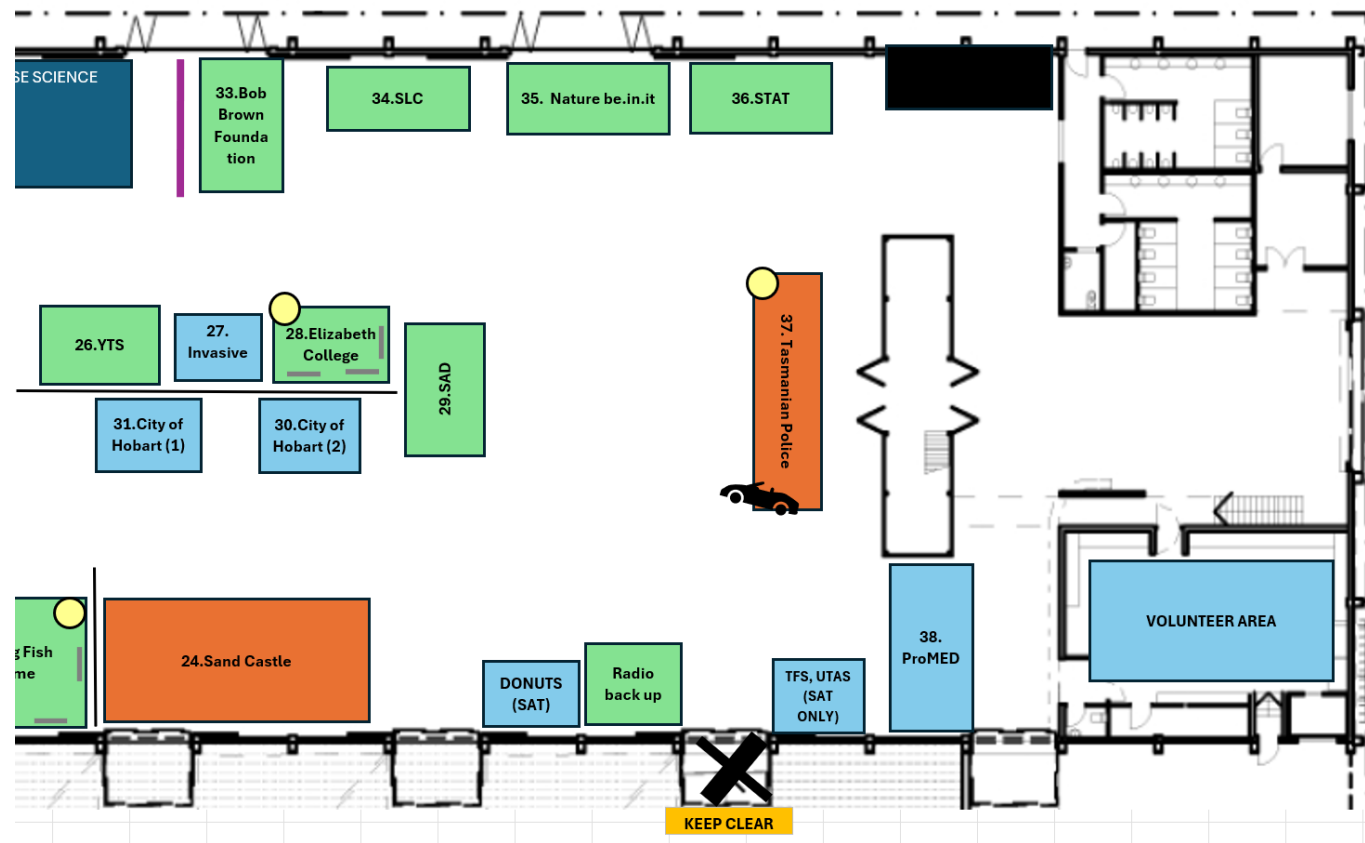
# Floor plan (Forecourt)



# Floor plan (Indoor)



# Floor plan (Indoor)



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### Quiet Space

A quieter, family friendly place to engage with interactive science activities.

### Festival Competition: Maths quiz

Play the Lowest Positive Integer (LUPI) game. Scan the competition QR code at the Mathematics activity and guess the lowest number greater than zero that no one else has guessed.

### Science Discovery Trail

Grab a trail card to win a prize! Complete any five activities at FOBI and get them stamped by the activity provider. Drop your trail card back to our friendly team as you leave.

### Food and Drink

Van Demons Café  
Donut 7 (Saturday only)

### First Aid

First aid support, proudly provided by Promed, is available at the far end of the venue.



## FESTIVAL OF BRIGHT IDEAS

A NATIONAL SCIENCE WEEK EVENT



## Science for the curious and creative

### Session times

 **Green Wristband**  
9–11.30am

 **Purple Wristband**  
11.30am–2pm

 **Yellow Wristband**  
2–4.30pm

### Special thanks to our festival sponsors

Presented by



An Australian Government Initiative

UNIVERSITY of TASMANIA





Tasmania  
Leading the possibilities

Supported by



[festivalofbrightideas.com.au](http://festivalofbrightideas.com.au) #FOBI

Free WiFi password: lightwave



## Activities

**Architecture and Design, University of Tasmania**  
Experience digitally assisted fabrication and build unique structures from pre-fabricated timber components.

**Australian Christian College**  
– Launceston Distance Education  
Learn how acids and bases work. Create a magic drawing that erases brush strokes and changes paint colours.

**Big Fish Game**  
Play the Big Fish Game and test your fishing strategy while exploring ocean ecosystems, sustainability, real-world marine challenges.

**Bob Brown Foundation**  
Become a citizen scientist! Explore data collection and learn how to use iNaturalist to record ecological observations and data.

**Chemistry, University of Tasmania and Royal Australian Chemical Institute**  
Investigate what is the matter. Use chemical fingerprinting through infrared light to find out which white powders match which common drug.

**Children's University, University of Tasmania**  
Get curious – create, experiment, and learn something new!

**City of Hobart – Drones**  
Experience drone technology in action with flight simulators, hands-on tech, and artificial intelligence.

**City of Hobart – Nature's Network Detectives**  
Beneath every bushland reserve lies a hidden fungal network connecting plants. Discover how these microscopic threads help ecosystems and biodiversity.

**Devil Robotics**  
Interact with robots including remote-controlled FIRST Tech Challenge robots and LEGO SPIKE Prime robots.

**Earth Sciences, University of Tasmania**  
Journey through Tasmania's geological wonderland. Examine rocks under the microscope and learn to identify them in your own backyard.

**Elizabeth College, DECYP\***  
Explore how nutrients and pH affect our daily lives. Test food for nutrients including acidity; make a natural indicator and test the pH of household substances.

**Engineering, University of Tasmania**  
Test your creative thinking and engineering design skills.

**Engineers Australia**  
Tackle engineering challenges like gravity mazes and circuits. Discover how drones are used in real-world surveying applications.

**Fisheries Tasmania**  
Race to restore Tasmania's kelp forests before sea urchins take over! Discover how climate change affects marine environments and what drives reef recovery.

**Forest Education Foundation and Forest Practices Authority**  
Explore the wonders of the forest floor. Observe, collect, and classify what lies underfoot.

**Future You Australia**  
STEM is everywhere – from ticket scanners at footy games to exhibits at zoos. Explore and uncover the science shaping everyday life.

**Geography, Planning, and Spatial Sciences, University of Tasmania**  
Fly mini drones, explore virtual reality and see how information about our environment can help us tackle complex challenges.

**GreenSTEM Education**  
Discover the excitement of electric vehicle racing, robotics, game design, engineering, and science innovation.

**Hobart Hackerspace**  
Explore ways to control lights. Create circuits, program microcontrollers, and more!

**Hobart Hurricanes and Exercise Science, University of Tasmania**  
Discover the science behind sport. Meet the experts who help our sports stars train, recover and thrive.

**Hydro Tasmania**  
Experiment with magnetism and forces and discover how magnets and copper transform kinetic energy into electrical energy.

**Inspiring Australia**  
Draw or write about your favourite Tasmanian species.

**Institute for Marine and Antarctic Studies, University of Tasmania**  
Discover how fisheries scientists identify species, age fish, and track populations using underwater videos.

**Invasive Species Council**  
Uncover the science of feral fauna and help protect Tasmania's wild places. Explore the impact of feral deer and cats and test your ecological detective skills.

**Mathematics, University of Tasmania**  
Math is everywhere – from city design to spotting fiction. Discover how real-world problems can be solved by translating them into the language of mathematics.

**Natural Resources and Environment Tasmania, Rethink Waste, and Plasticus**  
Explore the impact of plastic and learn smart ways to avoid, reduce, reuse, and recycle plastics.

**Nature. Be in it.**  
Whittle a measuring stick and explore nature craft, safe tool use, and maths – then measure yourself, natural objects, and things around your home!

**Physics, University of Tasmania**  
Decode the secrets of the universe with physics. Explore electromagnetic and gravitational forces, and how light, sound, and motion help us understand the world around us.

**Plant Science, University of Tasmania**  
Find out how plants and animals adapt to extreme environmental challenges and examine plant tissue under a portable microscope attached to your phone.

**Sand science – Sculptor Peter Bignell**  
See a science-themed sand sculpture take shape, then sculpt your own mini sand creation – just add water and imagination!

**Science Teachers Association of Tasmania**  
See the best entries from the annual Tasmanian Science Talent Search and indulge your curiosity with a range of interactive science activities.

**Sustainability Learning Centre and Hobart College, DECYP\***  
Discover the hidden language of the universe. Digital and natural codes – such as binary communication, animal sounds, and cellular structures – fundamentally shape the universe and life.

**Tasmania Police**  
Explore forensic science and learn how prints, marks, DNA, and biological evidence help solve crime scenes.

**Tasmanian Institute of Agriculture, University of Tasmania**  
Meet the tiny heroes behind your food! Discover how insects and bugs support food production as pollinators and pest control – then plant your own pollinator to bring them into your garden!

**Tasmanian Museum and Art Gallery**  
Examine Tasmanian plants and animals to uncover stunning mathematical patterns – fractals, spirals, symmetry, and shapes – that inspire sustainable solutions to environmental challenges.

**TasNetworks**  
Discover how renewable energy is transmitted across Tasmania and step into a line worker's world at the elevated platform truck.

**Woodbridge Marine Discovery Centre, DECYP\***  
Touch live marine animals, learn about pests and dangerous species, and discover how to care for Tasmania's beaches.

**Young Tassie Scientists, University of Tasmania**  
Explore hands-on action-packed activities with early-career scientists. Be inspired by their passion for science as you investigate the world around you.

\*Department for Education, Children and Young People

# Science Discovery Trail – Trail cards

## Aim

To encourage visitors to explore the FOBI activities and meaningfully participate in activities.

## How it works

- Visitors are offered a trail card as they enter the venue. Trail cards (and pencils) will be also be available at the venue entry.
- To participate, visitors need to:
  - Complete any five activities.
  - When they finish an activity, they write the name on the card and get it stamped by the activity provider.
  - Put their completed trail card in the entry box (at the venue entry/exit) to go in the draw to win 1 of 50 gift packs.
- Each activity will be provided with a stamp to use.

## SCIENCE DISCOVERY TRAIL

Complete ANY five activities at FOBI!

When you finish an activity, write the name below and get it stamped by the activity provider:

Activity 1:



Activity 2:



Activity 3:



Activity 4:



Activity 5:



To go in the draw to win 1 of 50 gift packs, write your contact details below and place your trail card in the entry box:

Name:

Phone:

Email:

**FESTIVAL  
OF  
BRIGHT  
IDEAS**

PROUDLY SUPPORTED BY



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# Promotion of FOBI25

1

Websites – Festival of Bright Ideas, Inspiring Tasmania, National Science Week, University of Tasmania

2

Posters displayed in cafes, libraries, etc

3

Radio advertising

4

Social media posts

5

Large format signage on the container in the PW1 forecourt, branded flags and café barriers, and signage at entry

6

Info sent to schools for inclusion in school newsletters, etc

7

Media releases

8

Civic flags across Hobart Waterfront

## Help promote FOBI25

Share FOBI  
social media posts

Tell family, friends and  
colleagues about FOBI

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# What to wear

Volunteers will be provided with:

- a name tag

Please:

- Wear sensible enclosed footwear
- Past FoBI or National Science Shirt top
- Be prepared for cold temperatures in a semi-exposed structure (it's a 2,703m<sup>2</sup> shed with concrete underfoot). We recommend you wear layers underneath your FOBI shirt to keep warm. You can also bring a scarf, beanie, etc.

## Personal items and valuables

- You can store your bag/belongings in the break room.
- We recommend you do not bring valuables to FOBI as there are no secure facilities in the venue.





# Roles and responsibilities

Break	<p>&gt; Break times have been scheduled and a breaker has been rostered to cover breaks. This ensures continuity of delivery, optimising the experience for visitors.</p> <p>&gt; <b>Please note: Although breaks have been scheduled for a certain time, the start time of your break may vary depending on how busy the venue/activities are. Please be patient with our breakers, they will ensure you get a break :)</b></p> <p>&gt; Ensure you have a breaker covering your role before you go on break. If your breaker, doesn't arrive talk to your leader or phone Belinda/Savannah.</p>
Meeting and Guiding Schools	<p><i>FRIDAY ONLY</i></p> <p>&gt; Meet school groups on arrival in the forecourt.</p> <p>&gt; Briefing schools on the plan for the day.</p> <p>&gt; Dividing schools into groups as per schedule.</p> <p>&gt; Assisting school groups to find their first activity.</p> <p>&gt; Assist schools group with movement between allocated activities.</p> <p>&gt; Assisting school groups back to forecourt at end of session.</p>
Ticketing and crowd management	<p><i>SATURDAY ONLY</i></p> <p>&gt; Scanning tickets and providing appropriate-coloured wristbands.</p> <p>&gt; Assisting with door sales (if applicable).</p> <p>&gt; Ensuring lines are equal in length, moving along, and not blocking the entry door.</p> <p>&gt; Ensuring patrons entering Hydro activity (container on forecourt) have appropriate-coloured wristband.</p> <p>&gt; Distribution of programs on a demand basis</p> <p>&gt; Visitors can collect a trail card from the entry to the venue.</p> <p>&gt; Once visitors have completed the trail card (i.e. completed any 5 activities - verified by a stamp from activity providers), then they place them in the Trial Card Entry Box at the exit.</p> <p>&gt; There is a total of 50 gift bags to give away to visitors who have completed the trail card - so about 16 gift bags per session.</p> <p>&gt; You can give the gift bags away randomly (e.g. every few minutes) and will need to use discretion (e.g. give to all siblings, not just one child).</p>

# Roles and responsibilities

Exhibitor support and breaks	<ul style="list-style-type: none"><li>&gt; Helping your allocated zone with their queries/needs throughout the day.</li><li>&gt; Helping activity providers with activities, particularly when busy.</li><li>&gt; Providing breaks to activity providers.</li><li>&gt; Assisting activity providers to reset their activity/site, ready for the next day.</li></ul>
Visitor surveys/Trail Cards	<p><i>SATURDAY ONLY</i></p> <p><i>SURVEYS</i></p> <ul style="list-style-type: none"><li>&gt; Our visitor survey is important because it tells us how effective various aspects of our event were, and how we can improve the visitor experience and better achieve our event goals.</li><li>&gt; On Saturday, there will be a Survey Station near the exit of the venue.</li><li>&gt; Visitors can complete the survey in 1 of 2 ways: (1) on their mobile phone, by scanning the QR code at the Survey Station; (2) on one of our iPads with the assistance of one of our staff/volunteers. You can ask the questions and input answers into the iPad on behalf of the respondent.</li><li>&gt; When visitors complete the survey, they go in the draw to win one of three \$100 gift cards.</li></ul> <p>Note: Competition Terms and Conditions are available at the start of the survey.</p> <ul style="list-style-type: none"><li>&gt; It is important to be unbiased when approaching people to complete the survey so that we can achieve a random sample.</li></ul> <p>Approach everyone (all ages [aged 14 years or older], backgrounds, types), not just those people who look friendly or likely to complete the survey.</p> <p>Note: You can survey people aged 14 years and older, and those under 14 years with parental permission.</p> <ul style="list-style-type: none"><li>&gt; On Saturday, we expect up to 4,500 people to visit FOBI, which means we need to have about 300 surveys completed to have a representative sample.</li><li>&gt; Embrace rejection! Of everyone approached to complete the survey, only about 20% will agree to participate. When someone refuses to participate, just smile and thank them for visiting our Pavilion.</li><li>&gt; When asking people to participate in the survey:<ul style="list-style-type: none"><li>- Smile and speak confidently :)</li><li>- Politely ask if they would like to give feedback on their experience at FOBI, and let them know the survey only takes about 3 minutes to complete and they have a chance to win a gift voucher. Let them know they can complete the survey themselves or you can help them.</li><li>- If self-completing, guide them to an iPad and help them get started, or they can use their mobile phone to scan the QR code on the poster.</li></ul></li><li>&gt; Please give iPads a gentle clean between users. Cleaning equipment is available in the Back of House area.</li><li>&gt; Monitor battery levels on iPads and charge in the Back of House area as needed.</li></ul>

# Travel

- **Car parking:** As there is no site parking, volunteers are encouraged to park along Sandy Bay Road or in CBD parking stations.
- We also recommend carpooling with fellow volunteers or taking public transport.



# Food and beverages

- Morning tea and lunch will be provided for volunteers in the break room.
- We recommend that you bring **your water bottle, thermos, coffee/tea bags, snacks and/or cash/card** to purchase food and drinks.
- **Hot water** is available in the break room (at the far end of the venue).
- Fresh drinking water is available from the water dispenser in the break room kitchen
- There will be two **food outlets (Donuts on Saturday only)** where you can purchase food and beverages.
- Note that lines/wait times for food can be long at times. Please try to pick your timing so that your absence from your role doesn't impact visitors' experience too much.





# At FOBI

- Onsite briefing: 8:30am each morning
- If your availability changes:
  - Before Tues 19<sup>th</sup> Aug – email us
  - From Wed 20<sup>th</sup> Aug – text/phone Savannah or Belinda

## Arrival at Princes Wharf 1 (Friday & Saturday)

- Arrive 10 minutes prior to your rostered time
- Enter via front doors to PW1
- Place belongings in staff break room
- Sign-in
- Collect your shirt & name tag (on your first day)

## Departure at the end of day

- Sign-out
- Collect your belongings
- Remember to bring your shirt & name tag on Saturday 😊



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# Risk assessment

- Event and Site risk assessment will be managed by the University of Tasmania and Inspiring Australia, Tasmania.
- Please take a moment to familiarise yourself with the FOBI25 Risk Assessment, which is **available** here:

**ADD 2025 Link**



# COVID-19 Safety

At FOBI, we will be adhering to current PublicHealth guidelines to reduce the risk of COVID-19 and other respiratory illnesses.

- If unwell or even showing the mildest cold-orflu-like symptoms, do not attend FOBI.
- Maintain hand hygiene.
- Maintain 1.5m physical distancing where practical.

For further info, see the event risk assessment.



# Registration to Work with Vulnerable People (RWVP)

- It is recommended that activity providers, volunteers, researchers, students and alumni involved in facilitating activities at FOBI have a current Registration to Work with Vulnerable People (RWVP).



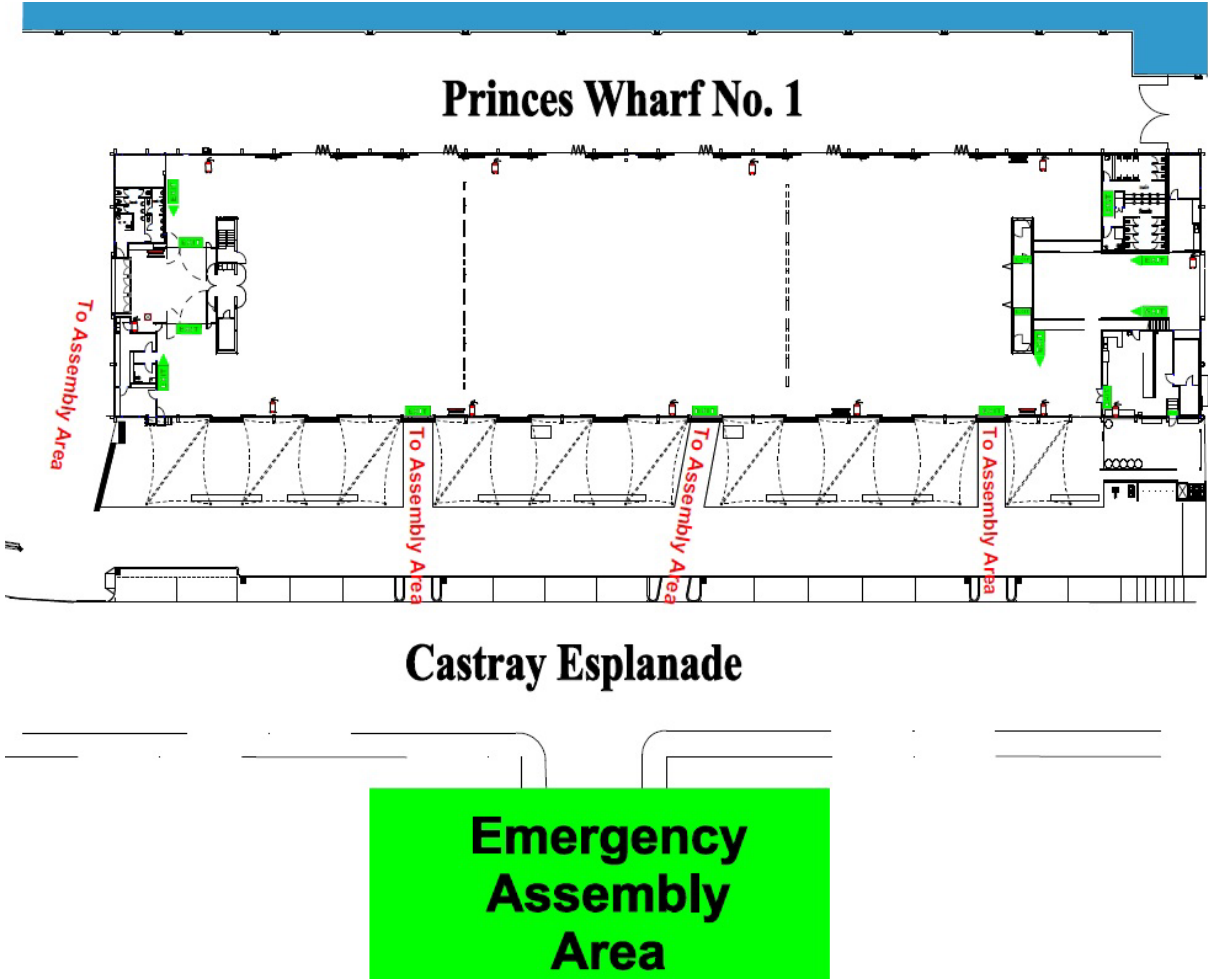


# First aid

- First aid support, proudly provided by ProMED, is available at the far end of the venue, near the exit.
- In an emergency, call Triple Zero (000) immediately.



# PW1 Fire & Emergency Evacuation Procedure Map



**Fire Wardens:**

**Tom and Matt**  
from Princes Wharf 1



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# FOBI contacts

Site Managers (University of Tasmania):

- **0438 616 747 – Belinda Brock**,  
Manager, Community Engagement
- **0437 916 666 – Savannah White**,  
Engagement Events & Promotions Coordinator
- Email: [Inspiring.Tasmania@utas.edu.au](mailto:Inspiring.Tasmania@utas.edu.au)



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# Feedback and Evaluation

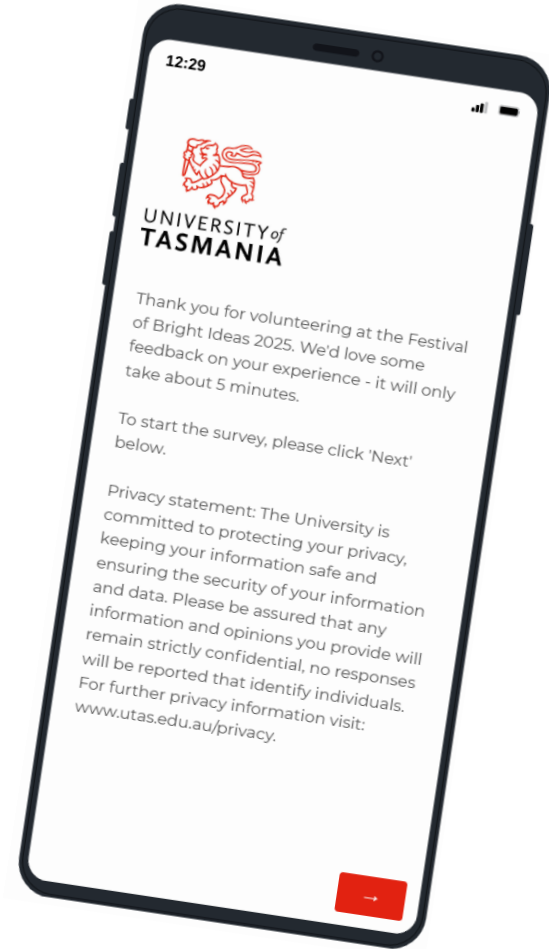
**School** organisers will receive an email after FOBI requesting their feedback.

**Visitors** can complete the Visitor Survey during their visit to FOBI on Saturday on iPads or their mobile phones at the Survey Stations near the far end of the venue. Ticket holders will also receive an email after FOBI requesting their feedback.

## Activity Providers

The lead organiser for each activity will receive an email after FOBI requesting feedback.

**Volunteers** will receive an email after FOBI requesting their feedback.



# Resources

The FOBI25 Event Briefing and Safety Induction, the Risk Assessment, and Volunteer Roster are **available** here:

[ADD LINK](#)





# FOBI VIP EVENT

**Friday 23<sup>rd</sup> August 2025**  
**3.30pm to 4.30pm**

Upstairs Function Space, Jack Greene Bar,  
49 Salamanca Place, Battery Point,  
Hobart, Tasmania, 7000

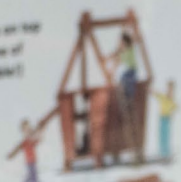
Cash Bar and food will be provided





## Balancing Nails

Can you balance the six loose nails on top of the one stuck to the table? (None of these six nails should touch the table!)



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# Thank you