

# Primary Excursions



Learning outside of the classroom is a great way to see science from a fresh perspective. That's why we've created a customisable education program for school excursion groups.

All school excursions to Scitech include a meal break and free time to explore our generic exhibit galleries.

See below for what your students can discover at Scitech:

## Feature Exhibition

### Destination Mars

Years 1-4

What does it take to make it to Mars? Explore how to plan for and adapt to survive a journey to Mars. In this program, students will simulate the astronaut training process and investigate the demands of space travel through interacting with the hands-on exhibits. Students will investigate how space exploration can solve problems, lead to new discoveries, and improve our daily lives.

Duration: 60 minutes

Term 4 2024, terms 1-3 2025



## Rio Tinto Innovation Central

### Drop Zone Challenge

We are entering an exciting era where Moon exploration will be witnessed by a new generation. In this hands-on workshop students design, create and test a prototype moon lander.

By using an innovation process, students will:

- explore and collaborate on design
- test their prototype on our 5.9m high drop zone exhibit
- refine their prototype to reduce the impact on landing

Can your students find a solution for future planetary exploration?

Years: 3-6

Duration: 60 minutes

Terms: 1-4



## Planetarium

*\*Children under 4 are not permitted in the Planetarium.*

### Tilt

Join Annie, Max and their robot friend as they explore how the four seasons are caused by the tilt of the Earth's axis combined with the Earth's orbit around the Sun.

**Years:** PP-3

**Duration:** 45 minutes (incl. a 20 minute live presentation)

**Terms:** 1-4

### We are Astronomers

Join astronomers from around the world as they unravel the secrets of starlight. Visit telescopes on the ground and in space, explore light of different wavelengths and dive into the Large Hadron Collider to discover the way modern astronomy is done.

**Years:** 4-6

**Duration:** 45 minutes (incl. a 20 minute live presentation)

**Terms:** 1-2

### Capturing the Cosmos

Modern astronomy is a far cry from the ancient star gazer hunched over an eyepiece. Explore how scientists use vast datasets, multi wavelength observations and computer simulations to study a universe filled with galaxies, dark energy and matter.

**Years:** 4-6

**Duration:** 45 minutes (incl. a 20 minute live presentation)

**Terms:** 1-2

### We Are Stars

Be inspired by this full dome animation that explores the origins of the universe, our solar system, and the beginnings of life on planet Earth. Ask some of the biggest questions of all time: What are we made of? Where did it all come from?

**Years:** 4-6

**Duration:** 45 minutes (incl. a 20 minute live presentation)

**Terms:** 3-4

## Scitech Lab

### Hands On!

Embark on a journey of scientific discovery with our interactive Hands-On workshop! In this captivating session, young explorers immerse themselves in hands-on experiences, comparing human sensors with those of diverse creatures. Through engaging activities at different stations, students explore how different species perceive the world, posing questions, making predictions, and unravelling mysteries through exploration.

**Years:** 1-3

**Duration:** 60 minutes

**Terms:** 1-4

### Mystery Hunters Lab

Dive into the world of mystery and scientific exploration with our electrifying Mystery Hunters workshop! In this program students explore the wonders of magnetic fields and discover the powerful relationship between electricity and magnetism. Through engaging demonstrations and inquiry-based experiments, students will use the scientific process to create a powerful electromagnet.

**Years:** 4-6

**Duration:** 60 minutes

**Terms:** 1-4

## Chevron Science Theatre

### Mystery Hunters Show

Our world is full of mystery. Science seeks to reveal the truth behind the unexplained and the unexpected. This performance turns the classic 'predict, experiment, observe' method on its head to reveal surprising science, interesting effects, and illusion to illustrate how our senses and minds can sometimes be unreliable tools in the search for truth.

Years: 2-6

Duration: 25 minutes

Terms: 1-4



# Booking your Scitech Excursion

Get out of the classroom and into Scitech with an excursion! Call us on **9215 0740** or head to [scitech.org.au/excursion-guide/](https://scitech.org.au/excursion-guide/) to make a booking

## Includes

- 1 General exhibit exploration
- 2 Planetarium Show
- 3 Science Theatre Show

**\$10**  
per student

\*GST free

## Extras - Choose only one

**\$2**  
per student

Facilitated  
Featured Exhibition

**\$4**  
per student

Facilitated activity at  
The Scitech Lab

**\$4**  
per student

Facilitated activity at  
Rio Tinto Innovation Central

- All supervising adults are free of charge.
- We prefer a 1:6 supervision ratio.
- Our customer service team will prepare a schedule that suits your specific individual requirements.



The Scitech  
**Discovery Shop**

Educators receive  
a 10% discount at the  
Scitech Discovery Shop.

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