

# Secondary Excursions



Learning outside of the classroom is a great way to see science from a fresh perspective. That's why we've created programs that are engaging for your secondary students

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:



## Chevron Science Theatre

### Mystery Hunters Show

Energy is everywhere and is in lots of different forms. Power Trip explores how energy is transferred and transformed in a series of exciting and informative demonstrations including pyrotechnics, kinetic and potential energies, electric motors and plasma.

Years: 7-10

Duration: 25 minutes

Terms: 1-4



## Feature Exhibition

### Destination Mars

Students will investigate how Mars exploration can enhance human life. They will discuss the challenges of traveling to Mars and investigate the technology used to overcome these obstacles. Through exploration of 17 hands-on exhibitions, students will suggest improvements for space exploration and consider the ethical implications of space travel.

Years: 5-10

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: 7-10

Duration: 60 minutes

Terms: 1-4

## Planetarium

### 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:** 7-12

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

**Terms:** 1-2

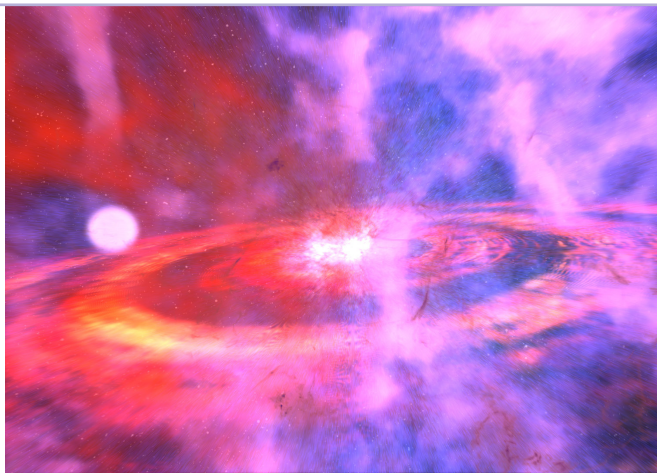
### We Are Stars

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:** 7-12

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

**Terms:** 3-4



### 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:** 7-12

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

**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

### 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 1:10 supervision ratio.
- Our customer service team will prepare a schedule that suits your specific individual requirements.

**\$10**  
per student

\*GST free



The Scitech  
**Discovery Shop**

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

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