scitech

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:

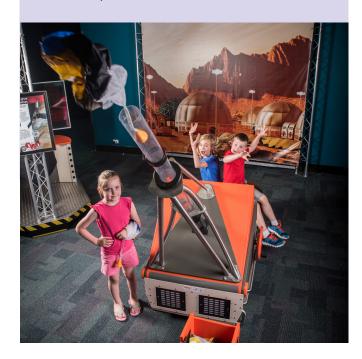
Feature Exhibition

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





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

Rio Tinto Innovation Central

- 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



*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/ 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



Facilitated Featured Exhibition



Facilitated activity at The Scitech Lab



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.



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

