

5 DAY STEM SCHOOL HOLIDAY EXPERIENCE 30 SEPTEMBER - 4 OCTOBER 2019 HOSTED BY THE UNIVERSITY OF MELBOURNE

- Learn from a NASA astronaut, NASA leaders and expert scientists to launch your ideas into space!
- Work in groups to develop a science experiment to be tested in micro-gravity
- The winning team will have their project launched and tested by astronauts aboard the International Space Station!
- Learn about a range of exciting STEM career paths
- Develop leadership, teamwork, problem solving and public speaking skills
- Meet like-minded friends and mentors
- A full 5 day program at the University of Melbourne

THE SKY'S NO LIMIT!





DESIGN

LAUNCH



WELCOME TO MISSION DISCOVERY

5 DAY MISSION ITINERARY



- NASA team building NASA presentation
- Mission Patch Team Challenge
- The Journey to Mars NASA presentation
- Mars Lander Team Challenge
- The Best Science Experiment NASA presentation



- · Becoming an Astronaut and The Story of a Space Mission - NASA presentation
- Headline Story Team Challenge
- How to design a space experiment - NASA presentation
- Presentation from a quest university professor or lecturer



- Budgeting and Planning Skills NASA presentation
- The International Space Station Environment, Experiments and an Expedition
- Work on experiments
- Space Experiments NASA presentation



- Improve Your Presentation Skills NASA presentation
- Working on experiments and presentation
- The Earth From Space NASA presentation



- Presentation preparation
- First round presentations
- Finalists selected
- Final presentations
- Winners announced

* Itinerary subject to change

PROGRAM COST From \$669 + GST

- 5 full day STEM and leadership program with NASA astronaut and leaders, University of Melbourne experts and mentors
- Monday 30th September to Friday 4th October 2019. Students must bring their own lunch, snacks and water bottle
- The program will take place at the campus of our education partner, the University of Melbourne, Parkville Campus
- Reduced rates for school groups are available, talk to your teacher. Subsidised rates are available to eligible students (see website)

AN OPPORTUNITY FOR **ORDINARY KIDS TO DO** SOMETHING EXTRAORDINARY

If you are in years 7-10, you have the opportunity to spend a week learning from a NASA astronaut and NASA personnel during 'Mission Discovery'.

In small groups you will take on the role of a research scientist and design your own experiment to be carried out in space.

The winning team has their experiment built and carried out on the International Space Station by NASA.

YOUR MISSION DISCOVERY TEAM

Steve Swanson

NASA Astronaut and ISS Commander

Sarah Murray

NASA'S Deputy of Orion Vehicle Systems Performance & Analysis

Dr Julie Keeble

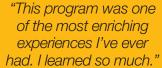
Lecturer of Pharmacology and ISSET's Chief Scientist

Senior Science Faculty Expert, the University of Melbourne

Ross Barber

International Space School Education Trust (ISSET)

* Team members subject to change



Michael N.

Mission Discovery Melbourne 2018







Visit missiondiscovery.com.au or call +61 3 9646 4200





