



HAMILTON
SECONDARY COLLEGE

Space
SCHOOL



The
Andy
Thomas
Space
Foundation

OUR PLACE IN SPACE

A workshop series for teachers of Years 6-10

Saturdays 9am - 1pm Term 2 at Hamilton Secondary College

\$50 for 3 sessions (Morning Tea provided)

Workshop 1: Our Place in Space *Saturday 8th May 9am-1pm*

- Addressing misconceptions about Our Place in Space (ppt)
- A walk through the Solar System
- Bringing the Earth Down to Size (activity and workshop)
- Pipehenge and Daytime Astronomy
- Phases of the Moon and Seasons
- Shadow measurements and the Noonday project
- Who is really "Down Under"?

Workshop 2: Gravity Gets me Down *Saturday 29th May 9am –1pm*

- Gravity and Misconceptions students may have
 - Student Activity: How high can you jump?
 - Gravitational Forces in the Solar System
- Microgravity Activities and Demonstrations
- Activities and experiments on the International Space Station

Workshop 3: Satellites and Probes Investigating Earth and Beyond *Saturday 19th June 9am-1pm*

- Talking to Satellites (activity)
- Satellite Orbits (Polar and Geostationary)
- Night Lights (activity and worksheet)
- Investigating Learning Objects and Learning Pathways
www.nasa.gov
- Collaborative activities from NASA
 - Design the First Moon Base
 - Investigating Mars

Time for reflection and downloading of activities onto USB (supplied)

Presented by Mike Roach

Workshops are linked to the Australian Curriculum. Certificate of Completion indicating 12 hours of Professional Development.

Must attend all 3 sessions or send a replacement if unable to attend. Limited to 15 participants

To register please go to: <https://www.trybooking.com/BPVXT>

For more information contact: Linda Edwards Ph 8275 8300 or Linda.edwards173@schools.sa.edu.au