Mission to Mars

A memorable hands-on, minds-on science experience for students.

Mission to Mars is a full-day, scenario-based program for Years 8 and 9. Students work as a team and use their problem-solving skills to successfully complete a geological survey of the Mars surface. All students act as astronauts, mission controllers and research scientists.

Mission Control officers communicate via radio to the astronauts on the surface, and are responsible for their safety and the success of the scientific mission.

Astronauts wear specially-designed spacesuits, collect their equipment, depressurise in the airlock, and step out onto the Martian surface. They collect real soil and rock samples, drill an ice core, conduct a thermal survey and measure seismic activity.

After returning to Earth, the students analyse their samples and undertake further scientific investigations in the laboratory.

Mission to Mars is designed to be integrated into the Victorian Secondary School curriculum. The program is supported by a pre-mission training package including classroom activities and a debriefing program after your class returns to Earth.

Year levels: Year 8 & 9.
Time: 9:15am — 3:15 pm
Cost: $35 per student plus GST. (Interstate and international students P.O.A. Please ask whether your school is eligible for a subsidy.)
Maximum group size: 24 students
Minimum group size: 12 students
Mission to Mars – Booking Form

Bookings can also be submitted online at www.vssec.vic.edu.au

To allow time to complete your pre-mission training it is recommended that you book a minimum of 4 weeks in advance.

Name: ________________________________________________________________

School Name: _________________________________________________________

Address: _____________________________________________________________

Telephone: _______________ Fax: __________________________

Email address: ________________________________________________________

Number of students attending (max 24): ______

Number of teachers attending (min 2): ______

Please nominate three dates/times in order of preference.

1. ________________________________________________________________

2. ________________________________________________________________

3. ________________________________________________________________

Mission to Mars - $35 (plus GST) per student. (Interstate and international students P.O.A. Please ask if your school is eligible for a subsidy.) Includes:

- Pre-mission training material.
- All equipment and manuals used during the mission.
- Post mission de-briefing material and teacher assessment package.

A minimum of 2 or a maximum of 4 teachers can accompany the students at no cost.

Your reservation will be confirmed via email. You will then have one week to confirm your booking with a $100 non-refundable deposit.

You will be provided with a Student Information Sheet, which you will need to complete and return to VSSEC one week prior to your visit. If wheelchair access is required, please specify on the Student Information Sheet.

STROBE WARNING: During this excursion students will be exposed to theatrical strobing effects. Please indicate when booking if this may affect students as we can make arrangements to avoid it’s use.

Liability: Schools may be liable for any damage caused by their students to any equipment or furniture within the Space Centre.

Victorian Space Science Education Centre
400 Pascoe Vale Road
Strathmore VIC 3041
Ph: (03) 9379 3456
Fax: (03) 9374 3855
bookings@vssec.vic.edu.au
www.vssec.vic.edu.au

Please make cheques payable to:
Strathmore Secondary College
Ref: MTMdeposit
ABN: 52 165 055 724