Mission to Mars is a daylong space science experience for Year 9 and 10 students. Students need to work as a team and use all their problem solving skills to successfully complete the Mission. All students act as Astronauts, Mission Controllers and Research Scientists.

Mission Control Officers are responsible for the safety of the astronauts and success of the scientific mission on the Mars surface; monitoring the astronauts’ vital signs and spacesuit functions, as well as local and solar environmental conditions.

Astronauts don spacesuits, collect their equipment, depressurise in the Airlock, and step out onto the Martian surface. Students collect real soil and rock samples, drill an ice core, conduct a thermal survey and measure seismic activity. After returning to Earth, students analyse their samples and undertake further scientific investigations in the Laboratory.

NEW! Students construct a weather station on Mars to collect data for analysis back at school. Students use the Infrared Spectrometer to analyse rock and soil samples collected on Mars.

Mission to Mars is designed to be integrated into the Victorian Secondary School curriculum. The program covers all VELS Strands, and all activities cover topics from both science dimensions and the standards within those dimensions. The program is supported by a pre-mission training program including classroom activities and a debriefing program after your class returns.

Book a FREE Engineer for your classroom
VSSEC and Engineers Australia have come together to provide passionate engineering mentors to work with students during their mission preparation. Visit the VSSEC website for more details or contact SPerrett@engineersaustralia.org.au to book your engineer.

**Time:** 9:15am — 3:15 pm  
**Cost:** $38 per student plus GST (including lunch, pre-mission training program and post-mission debriefing). Interstate and international students P.O.A. Please ask if your school is eligible for a subsidy.  
**Maximum group size:** 24 students  
**Minimum group size:** 12 students

For more information and bookings please visit our website www.vssec.vic.edu.au