



VSSEC

VICTORIAN
SPACE SCIENCE
EDUCATION
CENTRE

Video Conferencing

Student Programs

Thanks to a new partnership with Polycom, VSSEC can now offer programs for students and teachers through video conferencing.



VSSEC has developed a range of programs specifically for this mode of delivery. These programs are based on the latest research-based strategies for effective science teaching and learning. They expose students to experts; encourage hands-on, minds-on learning; and incorporate teacher professional learning.

STARS! Search

Year Levels: Year 5 – 8

Maximum group size: 24 students

Duration: *Session 1:* 20 min / *Session 2:* 40 min

Cost: \$30 plus GST per class

Session 1: This program begins with an introduction to stars by VSSEC staff (20 minutes). Students will then 'play' STARS! Search, an online game developed by VSSEC in conjunction with La Trobe University ACRI Games Technology Lab, which allows students to travel to the stars and collect information about them, including temperature, brightness and mass. There will be obstacles to avoid and dangers to face during their journey. Students will then plot their data on a simplified graph.



Session 2: Students discuss their findings with VSSEC staff and are introduced to the classroom activity; building a model of the stars of the Southern Cross (30-40 minutes).

Mars Rocks!

Year Levels: Year 5 – 8

Maximum group size: 24 students

Duration: 45 min

Cost: \$50 plus GST per class

Mars Rocks! is an interactive session with a geologist, introducing students to geology on Mars and how it relates to Earth.



Before the program students collect rocks from their local area. The teacher will select three rocks for discussion during the session.

The video conference will start with an investigation of the geology of Earth and compare it to the geology of Mars. The students whose rocks were selected will then have a conversation with the geologist to discuss the environment where their rocks formed on Earth and what that environment would look like on Mars. The student's understanding will then be tested with a game. When presented with a 3D image, will they be able to correctly identify Earth and Mars? The sessions conclude with student questions.

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

Video Conferencing – Booking Form



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

All VSSEC's Video Conferencing programs are listed on CAPspace www.projects.twice.cc and Polycom's VC Content Providers Database www.vccontentproviders.org

Name: _____

School Name: _____

Address: _____

Telephone: _____ Fax: _____

Email address: _____

Number of Groups/Classes: _____

Please select one of the following programs:

STARS! Search (max 24 students, \$30 plus GST per class.)

Mars Rocks! (max 24 students, \$30 plus GST per class.)

Please nominate three dates/times in order of preference.

Bookings are popular and are allocated on a first come first served basis.

1. _____

2. _____

3. _____

VSSEC uses an IP-based system. Before booking a program, please confirm that you are able to connect to our VC system by contacting us and performing a simple test session. Technical enquiries should be directed to Shaun Clarke shaun.clarke@vssec.vic.edu.au

Your reservation will be confirmed via email and an invoice will be issued for payment prior to your booking.

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**Please make cheques
payable to:**

Strathmore Secondary
College

Ref: VSSECVideo

ABN: 52 165 055 724