Teaching Astronomy & Astrophysics
2011 Teacher Professional Learning Program

Research in pedagogy is leading us to a sound and scientific basis for teaching practice. VSSEC, CSIRO and Scienworks will help you apply this to all science education, but particularly in astronomy and astrophysics.

Australia has a leading place in world astronomy. Data is beginning to flow from the Australian Square Kilometre Array Pathfinder (ASKAP), the Gemini telescopes in Hawaii and Chile are providing opportunities for Australian school students and the avenues for both study and employment in the field are expanding dramatically.

Program includes:
- An overview of astronomy in Australia
- Ideas for teaching astronomy effectively in the classroom
- FREE resources for teaching astronomy and astrophysics
- An overview of the Square Kilometre Array (SKA) project and an introduction to the SKA teacher resources (every participant will receive a copy of the SKA teacher resource book)
- An introduction to some Authentic Investigation tasks in Astronomy including CSIRO’s Pulse@Parkes program and Galaxy Zoo
- A new approach to inquiry based learning based on research in pedagogy.
- An overview of VSSEC’s Astronomy and Astrophysics programs
- The Melbourne Planetarium VCE Astronomy/Astrophysics show

Teachers attending this program will receive a 10% discount off all VSSEC 2011 VCE Astronomy or Astrophysics Programs.

Date: Thursday 28th April, 2011
Time: 9:30am — 4:30 pm
Venue: Scienceworks Museum, 2 Booker St, Spotswood 3015
Cost: $100 plus GST (includes materials, morning tea, lunch and afternoon tea)
Maximum group size: 25
RSVP: 1st April, 2011
For more information and bookings please visit vssec.vic.edu.au

This Professional Learning Program complies with the Victorian Institute of Teaching Standards of Professional Practice for Renewal of Registration:
- Professional Knowledge, Standards 1 & 2
- Professional Practice, Standards 4, 5 & 6