



Teacher Earth Science Education Programme



Professional Development Workshop Series in Earth and Environmental Science

Afternoon PD Workshops:

Our Place in Space, and Round and Round with Rocks and Minerals

22nd and 24th March 2022 at Geoscience Australia, Canberra

Our Place in Space discusses the evolution of Earth and our Solar System. The PD will investigate meteorites, the formation of the moon, the impacts of the Earth's rotation and tilted axis, and compares Earth with Mars and the other planets. Participants will be able to touch a piece of the moon, and view meteorite samples from Geoscience Australia's National Mineral and Fossil Collection.

Round and Round with Rocks and Minerals looks at the rock cycle and crustal geology. This PD is a guided journey through the rock cycle from intrusion to mineralised veins, volcano to sediment, sand deposition to metamorphic processes, as well as the important role minerals and geo-resources play in society and nature. The PD will also discuss some of the principles of geology, with local examples. The workshop will include resources from Geoscience Australia's Education Centre and National Mineral and Fossil Collection.

The PD workshops will include hands-on classroom exercises, an overview of the integrated TESEP rock kit, plate tectonic poster and online resources, and an opportunity to learn more about the role of Geoscience Australia, their displays and Education Centre. Presentations will be available to attendees. The topics are focused at teachers of years 7-10 secondary science students and will be of interest to upper primary science years 4-6. Afternoon tea will be provided.

Teachers and laboratory technicians are welcome to attend. An ASTA Certificate of PD Attendance will be issued to all attendees.

Workshop Topic: **Our Place in Space**

Date: Wednesday 22 March 2023

Time: 2 to 5 pm Cost: \$30

Venue: Geoscience Australia's Education Centre
(101 Jerrabomberra Avenue, Symonston, ACT)

Workshop Topic: **Round and Round with Rocks and Minerals**

Date: Friday 24 March 2023

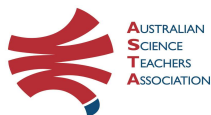
Time: 2 to 5 pm Cost: \$30

Venue: Geoscience Australia's Education Centre
(101 Jerrabomberra Avenue, Symonston, ACT)

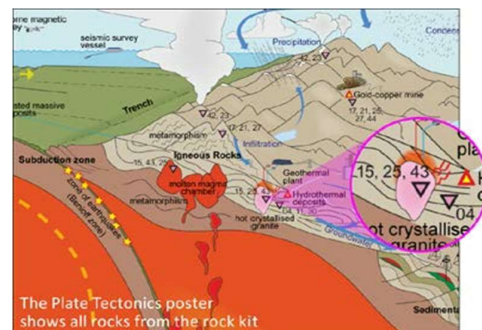
Presenter: Phil Gilmore is a geoscientist with over 25 years of experience and expertise in geological mapping and geodynamics, mineral systems and exploration, outreach and geotourism.



www.tesep.org.au



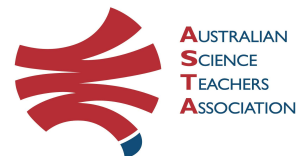
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Please email your completed form to TESEP registration: registration@tesep.org.au



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To register for a workshop:

1. Please complete the following form and email to both registration@tesep.org.au and officemanager@asta.edu.au
2. You will be issued with an invoice by ASTA for payment by direct bank transfer or credit card.

WORKSHOP DETAILS	
Workshop Options (select one of the three options below): <ol style="list-style-type: none">1. Our Place in Space PD, Wednesday 22 March 2023, Geoscience Australia2. Round and Round with Rocks and Minerals, Friday 24 March 2023, Geoscience Australia3. Both PD workshops (Our Place in Space, and Round and Round with Rocks and Minerals, 22 and 24 March 2023, Geoscience Australia)	
YOUR DETAILS	
Name:	School:
Teaching area:	Phone (school): Phone (mobile):
Email:	
Postal address (for certificate):	
Dietary or other requirements:	
PAYMENT DETAILS	
Registration fee is \$30 per registrant per workshop (includes GST). The registration fee is non-refundable – though the fee is transferable to another PD workshop or for another teacher to substitute. An invoice will be emailed to you by the ASTA (Australian Science Teachers Association, ABN 87 902 882 824). The invoice can be paid by direct bank transfer or by credit card. Contact Michelle Lollback (ASTA Office Manager) officemanager@asta.edu.au if any queries.	
CERTIFICATE OF PARTICIPATION	
A certificate will be issued by ASTA which states the number of PD attendance hours. For ACT Teachers: This workshop can be counted towards Teacher Identified hours for TQI accreditation. Please note that issuing of a certificate is conditional on workshop payment.	

Please contact us if any queries or for more information!

Please email your completed form to TESEP registration: registration@tesep.org.au