



Teacher Earth Science Education Programme



AUSTRALIAN
SCIENCE
TEACHERS
ASSOCIATION

Professional Development Workshop Series in Earth and Environmental Science

Wed 04 September 2024, 10:30am to 4:30pm 2-PD, hands-on exercises, Powerpoints, critical minerals kit, talks on local geology/sustainable energy transition

Rock-Core Site Visit, Wodonga, Lithium-bearing pegmatite, 10:30-11:30am

Critical Minerals, Sustainability & Renewable Energy (what is a critical mineral /supply-demand/exploring-mining-processing in Aust / batteries & recycling, electric car & renewable energy) (Year 8-12 STEM/EES), 12noon-2:00pm

Critical Minerals (TESEP Aust. Critical Mineral Kit Teaching Pack) & **Integrated Mineral Stories** (Year 8-12 STEM/EES), 2:00-2:30pm

Fossils, Evolution & the 5 Big Extinctions (Aust. fossil changes through time, big extinctions, integrated plate tectonics/ climate & volcanic events) (Year 9-12 STEM/EES), 2:30-4:30pm

School: Wodonga Senior SC, 80 Brockley St, Wodonga Vic

Meeting Room: Sign in at front office and get directed to the meeting room, (lunch provided)

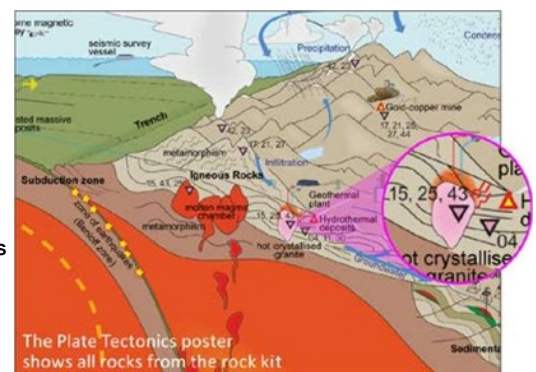
Date: Wednesday 04 September 2024 PD workshop, **Facilitator:** Terri Gregotski

1. **Incursions** – classroom lessons with students and teachers.
 2. **PD workshops** – After-school professional development workshops for teachers (2-PD/Field-site Visit sessions @ \$60 per attendee for visiting teachers, FREE to host-school teachers).
 3. **ASTA Certificate of attendance** – A certificate of hours and workshop outcomes will be issued.
 4. **FREE kit** – Host to receive a FREE rock or critical mineral kit and Plate Tectonics poster.
 5. **Introductory Rocks/Critical Minerals** - feature How to Use the Rock & Critical Mineral Kit and Teaching Pack (Earth history in rock/mineral stories, 3D renders, virtual thin sections/outcrops).
 6. **Subsequent RocksExpo** topics can be chosen from TESEP's "The Challenging Earth" series
- Presenter: Rod Boucher** is a keen ore geologist, who has worked in industry across Australia.

He has many years of studying the geology of the region



TESEP Aust.
Rock Kit
&
TESEP
Plate Tectonics
Poster
tesep.org.au
asta.edu.au



The Plate Tectonics poster shows all rocks from the rock kit

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

Professional Development Workshop Series in Earth and Environmental Science

Name:
School:
Teaching Area:
Phone (School):
Email:
Home postal address:
Special Dietary and other requirements:

Booking form

Email or fax form to ASTA (office – Josh Fartch). Send the non-refundable* registration fee (includes GST) to Australian Science Teachers Association (ABN 87 902 882 824).

Payment can be made by direct bank transfer or credit card. Please include your name and workshop details with payment (e.g. TESEP PD9 NSW July 20 J. Citizen).

*The fee is transferable to another PD workshop or for another teacher to substitute

Email: **office@asta.edu.au**

Address: TESEP - ASTA
PO Box 334 Deakin West ACT 2600

Account Details: Australian Science Teachers Association (ASTA) BSB: 082 902 Account No: 556 705 700

Please tick here if you require an invoice and provide address if different from the one above:

A certificate will be issued by ASTA which states the number of PD attendance hours. For registration inquiries contact registration@tesep.org.au

Please Note: Issuing of a certificate is conditional on workshop payment.

Registration fee: Free for teachers working at the host school. \$60 per attendee for each other (non-sponsored) school.

PLEASE PRINT CLEARLY

Workshop: Wodonga 2-PD/Site Visit, Rock Core/Lithium-pegmatite, Critical Minerals & Life, Fossils, Evolution & the 5 Big Extinctions	Date: Wed 04 Sep 2024
Venue: Wodonga Senior SC, Wodonga	State: Vic

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