Professional Development Workshop Series in Earth and Environmental Science

TESEP PRESENTS: AFTER SCHOOL PROFESSIONAL DEVELOPMENT (PD)

**Friday 8th December 2023, 11:00am-3:00pm 3-PD for teachers (lunch incl.)**

**Rocks (Rock Kit Teaching Pack, 3D renders, virtuals & integrated plate tectonics) (Year 4-8)**

**Wet Rocks (groundwater/ artesian basin aquifers/ the water cycle & porosity-permeability hands-on exercises) (Year 4-8)**

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

**School:** Forbes HS, 18 Wyndham Ave, Forbes, NSW

**Meeting Room:** meeting space – go to front Reception to be directed

**Date**: **Fri 08 December 2023** PD workshop, **Facilitator**: Toni Edwards

The RocksExpo experience includes–

1. Incursions – classroom lessons with students and teachers.
2. PD workshops – professional development workshops for teachers (3-PD sessions @ $55 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 rock kit – Host to receive a FREE rock kit and Plate Tectonics poster.

5. Introductory RocksExpo feature How to Use the Rock Kit and Teaching Pack (e.g. how to relate rock kit rocks to rock stories, 3D rendered samples, virtual thin sections and virtual outcrops).

Teacher Earth Science

Education Programme

6. Subsequent RocksExpo topics can be chosen from TESEP’s “The Challenging Earth” series

**Presenter: Phil Gilmore** has expertise in geological mapping, the history of the Earth and minerals across Australia.His work in several states gives him many exciting rock stories to relate.

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tesep.org.au

asta.edu.au

**Booking form**

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| Name: |
| School: |
| Teaching Area: |
| Phone (School): |
| Email: |
| Home postal address: |
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| Special Dietary and other requirements: |
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| Email or fax form to ASTA (office manager – Michelle Lollback). 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 cheque/money order. 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: **officemanager@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.  |
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| Registration fee: Free for teachers working at the host schools. $55 per attendee for each other (non-sponsored) school. A catered lunch is included (please advise re dietary restrictions). |

| please print clearly |
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| Workshop: Monday - 3-PD Rocks & basic Plate Tectonics, Wet Rocks & Critical Minerals & Renewable Energy | Date: Fri 8 Dec 2023  |
| Venue: Forbes HS, Forbes | State: NSW |