



SEA LAB SYMPOSIUM

Brought to you by **SCIENCE EDUCATION IN THE ANTHROPOCENE (SEA) IMPACT LAB**

Collaboratory for Secondary Science and Humanities Teachers

Gain and share practical strategies for teaching complex issues!

Friday 11 December 2026 | Monash College 750 Collins St (Level 8, Room 803) | 8:30am – 3:30pm

Climate change, ecological collapse and rapid technological shifts are reshaping what it means to teach. This symposium brings secondary teachers (Years 7–12) together for a day of ideas, provocation and connection - the start of an ongoing educator movement. Schools are *encouraged* to send *at least two teachers* so ideas travel back together.

THE DAY AT A GLANCE

- 8:30am** Registration
- 9:00am** Welcome, introductions, icebreaker
- 9:15am** Keynote presentations
- 10:45am** Morning tea
- 11:15am** Workshop (choose 1 from the 4 options below)
- 12:45pm** Lunch and networking
- 1:45pm** TeachMeet session (see info below)
- 3:15pm** Closing and next steps
- 3:30pm** End

KEYNOTE SPEAKERS



Paula Taylor

President, Australian Science Teachers Association (ASTA)



Ruth Wylie

Co-Director, Center for Science and the Imagination, Arizona State University

An interactive keynote exploring what it takes to reimagine science education for the Anthropocene - together.

WORKSHOPS (Rank your preference to attend one of the four below)



A Guide for Curriculum Development: First Nations Australians' Science

Dr. Connie Cirkony (Monash University) and the project team

Explore common ground between Western and First Nations science for meaningful classroom integration.



From Real-World Challenge to Classroom Action: Bringing Antimicrobial Resistance (AMR) to Life

Dr Jennifer Payne, STEMPals

Turn real-world AMR challenges into powerful opportunities for student investigation and action.



Can't Stand the Heat! A Card Based Simulation Derived from Cards Against Humanity

A/Prof Marg Simmons (Monash Rural Health) & Prof Sara Tolbert (Monash University)

Play and discuss an interactive card game on health, medical care and climate change.



Exploring Bushfire and Ice

Helen Silvester, Australian Academy of Science

Participate in a hands-on teacher workshop using 800,000 years of ice core data to help students explore rising CO₂, global warming and Australia's increasing bushfire risk.

TEACHMEET SESSION

Bring an idea - half-formed, fully formed, or just a hunch - for a lesson, unit, or project you have tried, or one you'd like to try, in your classroom. Workshop it with other teachers in small groups organised around shared themes.

WHY PARTICIPATE?

- ✓ Practical ideas for your classroom in Term 1 2027
- ✓ Earn PD hours doing something you're passionate about - *certificate of completion will be provided (AITSL Standards 3, 6 & 7)*
- ✓ Connect with teachers grappling with the same questions
- ✓ Help shape an ongoing educator community

Register your attendance [HERE](#) or scan QR code | **\$50 per teacher** | Bring a colleague!

Morning tea and lunch provided. Question? Email sealab@monash.edu

*** If the fee is a barrier to attending, please get in touch with us via the email above - we'd love to have you there!



Registration closes
on 20 November 2026