

Photography by
Yuri Beletsky (LCO)

19 hours
towards
your TPL

PROFESSIONAL LEARNING IN CANBERRA!

OPEN TO ALL SCIENCE TEACHERS.
IN PARTNERSHIP WITH ASTA.

STEM Summer School

TUESDAY 20 – FRIDAY 23 JANUARY 2026

\$900
per
person

Join us in Canberra for this special access **STEM Summer School in late January 2026**.

Should you choose to accept your mission, you will be transported to elite science locations and guided by several of Australia's most experienced researchers and educators.

FREE
inclusions

More information

Your \$900 payment covers accommodation, breakfast, airport transfers, coach travel between venues, a welcome dinner with guest speaker and 2 lunches – plus all entry fees.

For a full program and further details please email admin@ncetp.org.au.

NB Transport to and from Canberra not included.

REGISTER HERE



STEM Summer School

Supported by: Australian Institute of Sport, Australian National Botanic Gardens, Australian National University, Canberra Deep Space Communication Complex, Geoscience Australia, National Arboretum Canberra, National Zoo & Aquarium, Questacon and Wildbark.

NATIONAL CAPITAL
EDUCATIONAL
TOURISM PROJECT

Program outline

Launch into your school year by investing in yourself.

Questacon (3 hours) Start your morning with a deep dive into how school visits and Questacon Educator Programs can enrich your teaching practice – connecting you with STEM educators, resources, and industry networks across your state or territory. Discover STEM insights during a guided tour, then enjoy time to explore interactive galleries and exhibits sparking curiosity and classroom inspiration. Wrap up the experience with a relaxed lunch at Atomic Café, where you can reflect, recharge, and connect with fellow educators.

Geoscience Australia (2 hours) Discover how you can access and use real, freely available satellite data to observe changes to Australia over time, including activities to use in your classroom. Explore the link between the rock cycle and plate tectonics through an interactive activity and visit the National Earthquake Alerts Centre. Leave with a deeper understanding of Earth Science and free Australian Curriculum-linked resources.

Australian Institute of Sport (1.5 hours) Join us for an engaging guided tour, diving into a world of elite athletes and explore our rich sporting history. Discover what it takes to reach the top, gain insights into the daily lives and training routines of high-performance athletes, and uncover inspiring stories of sporting excellence. You might even catch some of Australia's top athletes in training!

Wildbark at Mulligan's Flat Woodland Sanctuary (2.5 hours) Discover Canberra's wild nightlife – on the edge of the Mulligans Flat Woodland Sanctuary.

Snowy STEM Academy – How Snowy 2.0 unearthed an ancient mystery (1 hour) Immerse yourself in the wonder of unearthing an ancient mystery. This hands-on activity entails exploration of hidden deposits in a simulated geological site – inspired by real life exploration for the Snowy 2.0 Project. This is your chance to think like a geotechnical engineer and employ core sampling techniques to uncover stories that lie beneath.

Australian National Botanic Gardens (1.5 hours) Wander from the Rainforest to the Red Centre, and wonder at the most diverse collection of Australian plants in the world. Be introduced to the online Plant Science Learning Hub and delve into activities that help Students explore plant science in the classroom.

Australian National University Campus Tour & Mathematical Sciences Institute (3 hours) After a walking tour of the Science precinct, come and have some hands-on fun with Student-led activities. Try building a paddle pop stick Da Vinci Bridge using only clever design, then test your skills to see how much weight your Foil Boat can hold before it sinks. Discover cutting-edge innovation on our Renewable Energy Tour, featuring the Solar Racing Car, Solar Lab, and EV technologies. Wrap up with a playful maths workshop using Play-Doh to uncover Google's multi-billion-dollar algorithm. In this activity you will use Play-Doh to run the algorithm and see how new problems can be solved with old mathematics.

Australian National University, Mount Stromlo Observatory (4 hours) Explore and understand the latest in space and astronomy research. Begin with a talk showcasing the latest in space advancements, followed by a behind-the-scenes tour of research buildings, viewing labs where instruments for the Giant Magellan Telescope are being built, our laser space debris telescope, meteorites and more. Conclude the night with a stargazing session, using our outreach telescopes.

Canberra Deep Space Communication Complex (2.5 hours) Explore Australia's role in landmark space missions at NASA's Complex, from the Apollo 11 Moon landing to today's Artemis program. On a guided tour of the Visitor Centre – featuring views of the largest parabolic steerable antenna in the Southern Hemisphere – you'll uncover stories of global space exploration and discover new ways to bring the universe into your classroom.

National Arboretum Canberra (1 hour) Home to a collection of over 40,000 rare and endangered trees. The program will explore how and why trees are crucial for our planet, how they intersect with the carbon cycle, and how you can measure how much carbon a tree is storing.

National Zoo & Aquarium (1.5 hours) See creatures great and small.

FAQs

Can I claim this back on my tax? You sure can, and we will provide you with a receipt to make that easier for you.

Does the cost include my travel to Canberra? No, but accommodation and breakfast, airport transfers, coach travel between venues, a welcome dinner, 2 lunches and all attraction entry fees are covered by the \$900 program charge.

How do I pitch this to get approval to attend? Your attendance at this STEM Summer School is for your professional development. It will strengthen your ability to design and implement effective STEM programs at your school, and build connections with science leaders. This program is aligned with the **Australian Professional Standards** for Teachers; 2.1 *Content and teaching strategies of the teaching area* and 4.1 *to support student participation*.

Why should I register for this program? This curated program gives you special access to experts and collections not always on display, and is tailored specifically to your curriculum needs. Invest in yourself and register now!

Do I need to be teaching to attend? No, that's not a requirement to register. This program is also relevant for preservice Teachers and will set you up for success in your first school placement.

If I don't need accommodation is there a different cost? Yes for teachers from the Canberra region or anyone not needing accommodation, we are offering a reduced cost of \$300 per person.