

Senior Education Officer – Mathematics

Department/Section:	Program Delivery (Education)
Job Type:	Specified term to 31 December 2027
Full Time / Part Time:	Full-time (75 hours per fortnight)
Location:	Canberra preferred, other locations considered
Salary Classification	Level AAS 8(1)

About the Australian Academy of Science

The Australian Academy of Science is a national learned academy of distinguished Australian scientists, championing science for the benefit of all. As an independent, non-government, not-for-profit organisation, the Academy delivers scientific advice and advocacy to support evidence-based decision-making in Australia. The Academy also holds Australia's membership of the International Science Council and its affiliated unions, connecting Australian scientists with the global scientific community.

The Academy's office is located on Ngunnawal and Ngambri Country in Canberra, ACT.

Our culture

The Academy reflects organisational values that earn and sustain trust. The Academy is independent, nonpartisan and ethical; acts with integrity, honesty and transparency; supports diversity and inclusion; and is respectful of sources of knowledge, such as those of First Nations people.

We offer a safe, flexible and inclusive work environment and strive to create an environment that connects, respects and values staff, investing in them to nurture and develop them as professionals.

The position

The Australian Academy of Science's school education focus is providing advice and support for Foundation to Year 10 teachers of mathematics and science. Our education programs are evidence-based and grounded in research and are designed to build teacher capability in these learning areas, maximising the impact they make in the classroom.

Primary Connections, Science Connections and reSolve are well-established Academy programs with a strong track record and broad collaboration across the education sector. Backed by continued Australian Government investment, the Academy will build on this foundation to deliver the next phase of these programs out to the end of 2027, strengthening the programs and bringing resource development, professional learning and delivery closer together.

Working collaboratively with Education team colleagues, the Senior Education Officer will make a key contribution to developing and producing quality teaching and learning resources, predominantly for primary years, with a focus on improving the quality of mathematics education in Australian schools.

Duties and responsibilities

Reporting to the Program Manager – Mathematics Education:

1. Design and develop high-quality, evidence-based teaching resources and professional learning that illustrate and exemplify Academy Education's values and design principles using cycles of design, testing and review, on time and with minimal supervision.
2. Collaborate and work with subject matter experts, users and Academy Education colleagues to inform, develop, review and test resources.
3. Contribute to, including manage and coordinate as relevant, process and activities related to teacher/user networks for developing and testing resources and tools.
4. Participate in and contribute to, as relevant, initiatives to refine pedagogical practices and emphases deployed across the program suite; strengthen integration of First Nations Australians' perspectives and knowledges; and explore transdisciplinary STEM approaches.
5. Perform other duties as requested, including sharing duties with other staff from time to time.

Qualifications and experience

- Education tertiary qualifications in science and/or maths education are essential, relevant postgraduate qualifications will be highly regarded.
- Current Working with Vulnerable People check or ability to obtain.

Selection criteria

- Demonstrated knowledge of the Australian Curriculum and school education in Australia, including the ability to integrate the General Capabilities within mathematics.
- Demonstrated experience in the design, development and delivery of both mathematics resources and teacher professional development.
- Ability to embed First Nations Australians' perspectives, knowledges and ways of knowing mathematics into curriculum resources or teacher professional learning.
- Highly developed interpersonal skills and high-level written, verbal and presentation skills, including demonstrated ability to collaborate with stakeholders and communicate effectively with a range of audiences, including adult learners.
- Strong organisational skills and excellent attention to detail.
- Demonstrated ability to contribute to a workplace culture that values diversity, inclusion, equity, participation and safety.