



Inspire the next generation of STEM leaders

Do you remember what inspired you to start your career in STEM? Generation STEM is looking for positive role models to share their experience, build confidence and help grow the STEM workforce

What is Generation STEM?

Generation STEM is a 10-year initiative to attract, support, train, and retain NSW students in STEM. Managed by CSIRO, the program is made possible by the NSW Government's \$25 million endowment to the Science and Industry Endowment Fund (SIEF).

The team is calling on NSW STEM businesses and professionals to play a role in inspiring the next generation of STEM champions and advocate for STEM careers.

Generation STEM aims to demonstrate the different pathways students can take to create their ideal STEM career by highlighting local STEM careers and opportunities.

Your involvement and contribution can help the Generation STEM team to inspire high school and tertiary students to enhance their skills and knowledge. By partnering with us, you can play a vital role in building a pool of STEM-capable specialists who can bring diverse skills and contribute to your business growth.

Our programs

STEM Community Partnerships Program (STEM CPP) creates strong partnerships between local schools and industry, highlighting STEM careers and opportunities, and provides avenues for secondary students to develop their STEM skills.

Deadly in Generation STEM is a student-focused program, grounded in Indigenous STEM knowledge to promote STEM learning opportunities for Aboriginal and Torres Strait Islander secondary students.

Generation STEM Links provides high quality internships to help tertiary students gain relevant workplace skills and transition into STEM jobs after graduation.

Caption: Students on a site visit to Western Sydney International Airport, a STEM CPP industry partner.



Invest in the future: Benefits to industry

- Showcase your business and how the work contributes to the local community.
- Shape the future generation of STEM professionals by sharing your knowledge, career learnings and expertise.
- You could meet and inspire your future team member.
- You will have the opportunity to connect with local STEM education providers and raise the calibre of upcoming talent for your industry.

Shape the next generation: Opportunities

- Become a mentor for teachers and expand their classroom toolkit with your STEM experience and guidance.
- As an Aboriginal and/or Torres Strait Islander inspire students by sharing experiences from your cultural knowledge, community, education and career pathways.
- Take on Year 10 work experience students or tertiary STEM student interns across NSW to help increase awareness of local STEM career pathways and raise the calibre of upcoming talent for your field.
- Inspire high school students by hosting a site visit, participating in a panel discussion and/or running a workshop at an event.
- Represent your business at career expos and showcase your workplace and industry.

Case study: St Paul's Grammar School

St Paul's Grammar School signed up to STEM CPP in 2021, with a Year 9 and 10 Design and Technology class participating in the program under the supervision of teachers Nick and Erika.

St Paul's Grammar School was matched with David, an industry mentor from Stryker, a multinational medical device company in Australia and New Zealand.

David supported the teachers in their materials and met with several students, providing feedback on their flood mitigation inquiry project. He also presented virtually to the students about how best to take design concepts to market and convince stakeholders that their ideas are worth pursuing and applying in the community.

Through participating in the program, David helped students to see the value of STEM in a real-life context. He didn't necessarily draw on the technical aspects of his STEM background. But the experience offered a unique opportunity to interact with students and develop their skills in a meaningful way.

“When the students presented back to council (at the virtual showcase), they really considered the technical themes in their design process. I was really impressed.” – David

Interested?

Contact the team to find out more. No previous experience in similar programs is necessary, as you'll be provided with what you need to make the most of your involvement. For more information:

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As Australia's national science agency and innovation catalyst, CSIRO is solving the greatest challenges through innovative science and technology.

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Generation STEM is managed by CSIRO and made possible by the NSW Government's endowment to the Science and Industry Endowment Fund (SIEF).