



Generation STEM

Your school is invited to participate in CSIRO's Generation STEM program

Generation STEM aims to attract, support and retain more NSW students in science, technology, engineering and mathematics (STEM) study pathways and careers. The program empowers young people with the relevant STEM skills to take advantage of local opportunities and pursue a highly rewarding STEM career.

As part of Generation STEM, the STEM Community Partnerships Program (STEM CPP) invites Year 7-10 students to undertake curriculum-aligned, inquiry-based projects to address challenges faced by their local communities.

What does participation involve?

STEM CPP schools can participate in a range of activities, including:

- a NESA-accredited professional learning session with ongoing support for teachers, focusing on developing the skills and confidence needed to deliver, and support students in, the inquiry-based projects
- site visits and incursions to give students exposure to local STEM workplaces and careers
- local careers events to showcase STEM pathways and businesses
- mentoring from local industry and STEM professionals
- an annual showcase event to recognise student participation
- work experience opportunities for selected Year 10 students.

Best of all, there is no cost to schools to participate!

How will your students and teachers benefit?

The program is community-driven, location-based and impact-focused, with a range of benefits for students and teachers alike.

Through participation in the STEM CPP, students benefit from:

- exposure to real-world applications of STEM
- development of problem-solving, communication and teamwork skills
- heightened awareness of local STEM career pathways.

The program provides opportunities and support for teachers to develop skills in inquiry-based learning. Teachers will also be able to build meaningful connections with local STEM industry professionals through mentorships and industry engagement activities.

Find out more

The program is available in Western Sydney, Central West, Central Coast, Dubbo, Albury and Queanbeyan-Yass areas. If you're interested in engaging, equipping and inspiring your students with STEM skills, contact the Generation STEM team.

generationSTEM@csiro.au
csiro.au/generationSTEM

Generation STEM is managed by CSIRO and made possible by the NSW Government's \$25 million endowment to the Science and Industry Endowment Fund (SIEF).