



# Early Years and Schools STEM programs



## Science



## Digital Technologies



## Maths



## STEM



**Let's Count** is a mathematics program for children aged 3–5. It supports educators and parents to develop the math skills of children by noticing, exploring, and talking about mathematics using everyday activities.

[thesmithfamily.com.au/programs/numeracy/lets-count](https://thesmithfamily.com.au/programs/numeracy/lets-count)



**Little Scientists** is a professional development program for early childhood educators. It improves their ability to introduce STEM concepts to young children in a fun and engaging way.

[littlescientists.org.au](https://littlescientists.org.au)



**Science by Doing** includes comprehensive, online resources for teachers and students in years 7–10. It offers practical curriculum units and professional learning modules.

[sciencebydoing.edu.au](https://sciencebydoing.edu.au)



The **Digital Technologies Hub** provides materials to facilitate planning, teaching and assessment of the Australian Curriculum: Digital Technologies learning area and Digital Literacy general capability across learning areas from F-10. It includes AI and emerging technologies content, with resources for teachers, students and parents.

[digitaltechnologieshub.edu.au](https://digitaltechnologieshub.edu.au)



The **Curious Minds** program provides STEM summer schools, six months of mentoring and a winter camp for high potential female students in Years 9–10. Curious Minds targets female students with an interest in STEM, especially those from regional/remote areas, low socioeconomic backgrounds or Indigenous background.

[curiousminds.edu.au](https://curiousminds.edu.au)



**reSolve: Maths by Inquiry** provides professional resources that support teaching mathematics in F-10 through inquiry-based methods.

[resolve.edu.au](https://resolve.edu.au)



The **Early Learning STEM Australia (ELSA)** Foundation to Year 2 pilot is developing a suite of apps to help children explore STEM concepts in a digital play-based environment, a teacher resource tool and a parent/carer engagement tool. It will be piloted in approximately 300 schools in 2024.

[elsaschools.edu.au](https://elsaschools.edu.au)



**Primary Connections** is a primary school science program for teachers of F-6, which provides curriculum resources and professional learning to teachers.

[primaryconnections.org.au](https://primaryconnections.org.au)



The **National Lending Library** provides access to digital and emerging technologies equipment, lesson plans and lesson kits aimed at schools who may not otherwise have access, such as schools in remote, regional or low-SES areas. It includes professional learning via webinars, face-to-face and online workshops for F-10 teachers.

[csermoocs.adelaide.edu.au/lending-library](https://csermoocs.adelaide.edu.au/lending-library)



The **Maths Hub and Massive Open Online Courses (MOOCs)** provide professional learning and materials to facilitate planning, teaching and assessment of the Australian Curriculum: Mathematics and Numeracy from F-10. The Hub includes a voluntary, teacher-administered Year 1 Number check for students, self-paced online modules on the explicit teaching of mathematics for primary teachers, as well as resources for parents.

[mathematicshub.edu.au](https://mathematicshub.edu.au)



**STEM Professionals in Schools** supports school-industry partnerships by connecting teachers with STEM professionals. It increases STEM professionals' engagement with the broader community, raising public awareness of their work and its social and economic importance, and helps to strengthen teachers and schools capabilities in STEM.

[csiro.au/en/education/programs/stem-professionals-in-schools](https://csiro.au/en/education/programs/stem-professionals-in-schools)

