Digital technologies for STEM classrooms
Course Brochure

What's it about?
In this course, you will find out how digital technologies can be used to improve learning equality in the classroom.

How long does the course go for?
This course will take you 2 hours to complete. Enjoy it in one session or spread it out over a few weeks - you will have ongoing access.

How does it work?
This course is on-demand and for private study. Learn at your own pace and at times that suit you.

What are the course modules?
1. Introduction
2. Fostering creativity through ShowMe
3. Digital equality through Scratch
4. Growth mindset with TinkerCad
5. Visual literacy and numeracy responses with Merge Cube
6. Artificial intelligence with Machine Learning for Kids
7. Reflection

What are the curriculum links?
**Primary and Secondary:** Design and Technology, English, Humanities, Mathematics, Science.
**General capabilities:** Critical and Creative Thinking.

Is it accredited for PD hours?
This course is mapped to the Australian Professional Standards for Teachers. It is accredited for professional development hours at the following levels:

**Proficient Teacher – all states and territories except NSW**
3.3 Select and use relevant teaching strategies to develop knowledge, skills, problem solving and critical and creative thinking.
4.1 Establish and implement inclusive and positive interactions to engage and support all students in classroom activities.