



#codingcounts

A discussion paper on coding and robotics in Queensland schools

coding and robotics starts in schools

Technology is part of every workplace and home. To be successful in our increasingly digital world, Queensland students need to move from being consumers of technology to creators of digital solutions.

The Queensland Government is committed to making sure every student will learn the new digital literacy of coding and have the opportunity to apply these skills through robotics.

Bringing coding, robotics and new-world thinking to our classrooms means we must create and collaborate with industry and universities in new ways.

We need to support our students to be digital creators and innovators — ready for the jobs of Queensland's knowledge-based economy.





the next wave – advancing education

The next wave is about Queensland developing every student's digital literacy, skilling young coders, nurturing young innovators and creating young entrepreneurs.

Fast-track Digital Technologies

Queensland will offer the new *Digital Technologies* Australian Curriculum from 2016 in state schools from Prep to Year 10, with teachers supported through professional development, teaching resources and scholarships.

Start-up the Queensland Coding Academy

A coding academy will be established to provide hands-on learning opportunities for students and teachers and support virtual classrooms across the state. The academy will also expand the *Young Scholars* program and develop valuable links with universities and industry.

Incubate the Entrepreneurs of Tomorrow

Young entrepreneurs will be supported to work with industry through the *Entrepreneurs of Tomorrow* initiative with students having new opportunities to showcase their innovation and problem solving through real world challenges.



join the conversation

We are interested in hearing your views on how we can support every student to be a successful digital learner.

We will visit Brisbane North, Brisbane South, Logan, Gold Coast, Sunshine Coast, Rockhampton, Townsville, Cairns, Toowoomba, Mackay, Ipswich, Maryborough, Bundaberg, Charleville, Roma, Longreach and Mount Isa to get the conversation started.

Your feedback will inform our plan for the future of coding and robotics in Queensland schools.

Visit the website for details of stakeholder forums and more information about how you can connect and share your ideas.



Join the conversation at www.advancingeducation.qld.gov.au/codingcounts