

Prep, Primary and Preservice Teachers **STEM/STEAM Workshops**

Integrated hands-on Professional Development

Developing your skills, knowledge and making over 5 Thursday Afternoons
4pm to 6pm at USQ Toowoomba.

This five-week developmental program is designed to extend primary teachers' understanding and application of STEAM concepts from the Australian Curriculum. Each week, teachers will interact with a variety of tools, materials and adhesives in practical, hands-on activities aimed at developing specific skills, vocabulary, and knowledge. These sessions support Australian Professional Standards 2.1,2.4,6.2,6.3, 7.4.



In conjunction with

University of Southern Queensland

Science Teachers Association Queensland

Queensland Association of Mathematics Teachers

Cost **\$99** (QAMT /STAQ Members) **\$125** (non-members)
inclusive of afternoon tea and resources for the five sessions

Presented by Dr Alwyn Powell PhD

Registration

<https://qamt.qld.edu.au/professional-development/> or
<https://www.staq.qld.edu.au/pd-events/professional-development/>

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Week 1, 19th August 2021

**Aboriginal toy boomerang, toy propellor,
3D shapes**

2

Week 2, 26th August 2021

Automata, hypercube, whirly gig

3

Week 3, 02nd September 2021

Robot with gripper arm, rubber band racer

4

Week 4, 09th September 2021

Robot A arms moving

5

Week 5, 16th September 2021

Robot B simple circuits and with Arduino Nano