

# 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/>

**1**

**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**