The Mathematical Association of NSW Inc.
Primary Association for Mathematics (PAM)

Movin' on Up - Improving our Students Mathematically – Dubbo

This hands-on one-day workshop will cater for teachers of Stages 4, 5 and 6 mathematics. The workshop will provide participants with ideas, strategies and innovative tasks and activities that can enhance the teaching and learning in their classroom. Learning strategies will be presented and evaluated to consider best practice.

Participants will design tasks specifically for the needs of their students. Formative and summative assessment tasks will be critiqued. Samples of student work will be presented for discussion. Teachers will reflect on their own practice and their classroom environment. During the workshop teachers will be supplied with a set of electronic files. Participants will need to bring a computer, and writing implements. A tablet or iPad is optional. A selection of apps that complement the focus areas will be presented on the day. The day will comprise of three sessions:

1. Learning experiences - including formative assessment ideas, differentiation of the learning in the classroom and a variety of learning experiences that are rich and are designed to support the demands of the new syllabus.

2. Making sense of the learning - How to ensure students not only remember but also are able to apply and manipulate their mathematical learning. A series of activities will be critiqued, focusing on open ended and enquiry learning. A variety of teaching and learning processes will be presented.

3. Demonstrating the learning - A variety of summative assessment tasks will be presented, including student work. Time will be spent on tailoring the tasks to students' needs. The tasks are authentic and connect to our students' world. Examination strategies will be considered and how to most effectively give feedback that aids student learning.

The presenter, Tracey Hughes-Butters is a self-confessed Maths Teacher nerd! Her career has focused on quality teaching and learning, particularly rich and technological pedagogical approaches in the Mathematics classroom. In 2015, Tracey was selected as an Apple Distinguished Educator - one of two thousand in the world.

To register for this course visit the MANSW website at www.mansw.nsw.edu.au and use the Teacher Event link to access the course through Secondary Professional Learning.

National Professional Standards for Teachers: 3.3.2, 3.4.2, 5.1.2, 6.2.2, 6.4.2.

Time: 8:45 am for 9:00 am to 3:30 pm

Venue: Charles Sturt University, Dubbo Campus
Tony McGrane Place  Dubbo

Cost: $132 (incl GST) for MANSW members (morning tea and lunch included)
$198 (incl GST) for non-members (morning tea and lunch included)

Closing Date: 25 November 2015

Completing Movin' on Up – Improving our students mathematically - Dubbo will contribute 5.5 hours of QTC Registered PD addressing 3.3.2, 3.4.2, 5.1.2, 6.2.2, 6.4.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.