Words Count – Literacy in Secondary Mathematics

This 2-session course will provide teachers of mathematics with a deeper understanding of the literacy demands of mathematics.

Following a general overview of best practice in teaching literacy, participants will explore a variety of strategies that can be used in their lessons to help strengthen student literacy. These strategies will build student capacity to understand problems, engage more effectively in working mathematically and explain their reasoning.

Using prepared activities, teachers will be led through various types of literacy tasks. These tasks will involve both individual and group work and include sequencing, cloze, scaffolding, structured overviews, barrier games, models and joint constructions of explanations, descriptions, procedures, information reports and simple, compound and complex sentences.

Specific examples of how mathematical ICT resources can be used to support student literacy needs in mathematics will supplied. Non-verbal and non-language based assessment strategies will also be modelled. In these practical workshops, teachers will learn to write literacy tasks that address the specific learning needs learning needs of their own students as well as gain further expertise in helping students to move from guided instruction through joint construction to independent work.

The presenter, Marilyn Murray, is a highly experienced high school mathematics teacher who is also a qualified ESL teacher. She has taught mathematics to newly arrived migrants and refugees at Intensive English Language Centres for many years. She is the author of the A Very Good Literacy Focus on Mathematics series of resources.

Dates: Two Tuesday evenings
23 February 2016 and 1 March 2016

Time: 5:00 pm – 7 pm

Venue: Marsden High School
22a Winbourne St
West Ryde NSW 2114

Registration Fee: $110 (incl GST) for members $165 (incl GST) for non-members.

Register on line through the Secondary Professional Learning link on the MANSW website: www.mansw.nsw.edu.au.

For more information contact the MANSW office on 9715 5800 or email admin@mansw.nsw.edu.au.

Closing date for registration: 22 February 2016

Completing each session of Words Count - Literacy in Secondary Mathematics will contribute 2 hours of QTC Registered PD addressing 1.3.2, 1.5.2, 2.1.2, 2.5.2, 3.5.2, 5.1.2, 6.3.2, 6.4.2 from the Australian Professional Standards for Teachers towards maintaining Proficient Teacher Accreditation in NSW.

ABN: 31 164 921 721