Working Mathematically in
PATTERN and ALGEBRA

For Primary and Secondary Teachers - Years 3 to 10

Facilitator:
Doug Williams

6 PD hours

**Dingley International Hotel
334 Boundary Rd, Dingley**

Free Parking on site!

About the facilitator.....

Doug Williams taught mathematics at both Primary and Secondary level from 1970 to 1992 when he became a freelance consultant working in mathematics education. He has been involved in many ways over many years with the AAMT and MAV having been president of the MAV and editor of both its primary and secondary journals. He has written for an extensive number of journals and authored several books. His most recent articles have been published in the 2009 December Conference papers of the MAV, Mathematics Teaching, March 2010, Association of Teachers of Mathematics (UK) and Primary Mathematics, Spring 2010, The Mathematical Association (UK). Doug's presentations at these sessions are from his Maths on the Move series of workshops.

Critical Agendas

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Phone: 1800 638 012   **Fax:** 1800 638 021
Email: admin@criticalagendas.com.au
Website: www.criticalagendas.com.au

9.30am - 3.30pm (Reg. from 8.30am)
Thursday August 11th, 2011

Mathematicians solve problems ... and the process they use to do so is completely identifiable. As we struggle to create curriculum suitable for the students of today, and the future they might face, teachers are learning to embed content within the Working Mathematically process.

In the context of Pattern and Algebra activities, we will identify and apply this process. We will go on to experience teacher-created structured units in Pattern and Algebra which include hands-on problem solving, whole class investigations and integrated software.

This workshop will also include research evidence confirming that an integrated approach to Working Mathematically does bring significant improvement in student numeracy *and* literacy. Participants will have significant time to plan a unit of their own with the help of the workshop resources.

Please try to bring a notebook computer.

Please Note: Participation includes provision of an appropriate resource to take back to school. Part of your program will include time to know this resource well enough to (a) trial it immediately with students, (b) use it as 'show and tell' to background other staff in what you have learnt.

COST:
$259 (GST Incl.)

Cost includes: Program, any issued notes, participation certificate, morning tea and lunch.

Book Now by Fax, Mail or Online!
A confirmation email will be sent to each applicant

FAX: 1800 638 021

Name/s (**CAPITAL** letters please!)

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