

Facilitator:  
Doug Williams

# Working Mathematically with INFANTS (K-2)



6 PD hours

9.30am - 3.30pm (Reg. from 8.30am)

**Tuesday August 16th, 2011**

It's new, it's different, children learn more and teachers love it. Developed by teachers in the Calculating Changes network who have been working for more than a decade engineering their classrooms to enhance children's number sense, Working Mathematically with Infants splices Threaded Activities from Calculating Changes with Investigations adapted from Mathematics Task Centre and Maths300. Threading, which has a Constructivist basis, is a teaching technique using rich, differentiated activities for small amounts of time often. In this course you will explore several of these activities and investigations and examine the planning model teachers have developed to implement them. You will discover the importance placed on mathematical conversation and learning in community - whole class and small groups - as key features of the learning environment. Teachers have also developed a resource kit, which includes a week by week planner offering one way to prepare sixty WMI weeks across Years K-2. The kit is designed to integrate with the Maths With Attitude kits from Years 3-10 to build a Working Mathematically curriculum across all compulsory years of school.

*Please try to bring a notebook computer.*



Darebin Arts & Convention Centre  
Cnr Bell St & St Georges Rd, Preston

About the facilitator.....

**Free Parking on site!**

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.

**Postal address:** P.O. Box 1427 Geelong 3220  
**Phone:** 1800 638 012 **Fax:** 1800 638 021  
**Email:** admin@criticalagendas.com.au  
**Website:** www.criticalagendas.com.au



## Critical Agendas

**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*

**REGISTRATION FORM**  
(May be photocopied)

Please complete and fax or mail to

**CRITICAL AGENDAS**  
P.O. BOX 1427 GEELONG 3220

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Tuesday 16th August, 2011

Darebin Arts & Convention Centre, Preston, Vic

6 PD hours

### TAX INVOICE

ABN 14 108 211 703

COST: \$259 (GST Incl.)

**FAX: 1800 638 021**

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#### BOOKING CONDITIONS

No applications for this program will be accepted after all vacancies have been filled. Unsuccessful applicants will have their monies refunded in full. Cancellation prior to two weeks before the program date (cut-off date) will incur a 15% service charge per applicant. This program will be payable in full for cancellations made on or after the cut-off date or for failure to attend the program. All cancellations must be in writing and emailed to us. In the event of insufficient applications this program will not proceed and registration monies be fully refunded. In the event of this program being cancelled due to unforeseen circumstances registration monies only will be refunded as Critical Agendas will not accept liability for the payment of any other associated costs. Critical Agendas reserves the right to vary the advertised programs prior to commencement.