






PROGRAM MANSW Conference 2007

Sunday 30th September

From 8:00 am	 Registration & Coffee: Exhibition Areas 			
9:00-9.15	Welcome Auditorium			
9:15-10:30	Keynote address Prof. Geoff Masters			
10:30-11:00	Morning tea Exhibition Areas			
11:00-12:00	Secondary Plenary <i>Board of Studies Update</i> Peter Osland & Margaret Bigelow Auditorium			
Session 1				
Room	Auditorium 1 50	Auditorium 2 50	Renaissance 1 30	Renaissance 2 30
Session 2A 12:00-1:00	<i>Mathletics</i>	<i>X marks the spot!</i>	<i>Bibliotherapy</i>	<i>Mathematics and Music</i>
LUNCH A	Andrew Smith 5-6	Ian Iredale, Peter Garside Rachael Mowe 3-10	Sue Wilson Post-secondary	Katrina Watson 7-12
Session 2B 1:00-2:00	FORUM <i>Structure and content of Secondary Mathematics Teacher Training</i>		<i>Grid Geometry and Trigonometry</i>	<i>Fleximaths</i>
LUNCH B	Judy Anderson, Mary Coupland		Norman Wildberger 7-12	Karen Hughes 6-8 (middle school)
Session 3 2:00-3:00	<i>Faculty Handbook</i>	<i>Assessment in Stage 6</i>	<i>Quality Assessment</i>	<i>Developing Young Mathematicians</i>
	Peter Rundle 7-12	Garry Webb 11-12	Tim Hildebrandt 7-12	Marta Chylewski Shari Harrington K-2
Session 4 3.00-4.00	<i>Interesting & Motivating Problems</i>	<i>Good Teaching Ideas</i>	<i>Fibonacci, the Golden Ratio & other curiosities</i>	<i>Introducing Algebra</i>
	Anthony Mahoney 7-12	Ros Hamblyn 7-12	Janet Hunter 7-12	Margaret Grove 7-10
4:00-4:30	Afternoon tea Exhibition Areas			
Session 5 4:30-5:30	<i>Problem Solving</i>	<i>Did you say YouTube?</i>	<i>Talking and Seeing Maths</i>	<i>Patterns & Algebra</i>
	Peter Taylor 7-12	Douglas Butler 7-12	Karen Ahearn K-6	Michael Mitchelmore Heather McMaster 7-10
6:00 pm	 River Cruise on the Port Venture			



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9:00-9.15	Welcome Auditorium			
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10:30-11:00	Morning tea Exhibition Areas <i>Interactive Whiteboard practise time</i>			
11:00-12:00	Primary Plenary <i>Motivating the computer-age Primary children with the big touchy-feely screen</i> IWB Douglas Butler Rushcutter Rooms			
Room	Rushcutter 1A 50	Rushcutter 1B 50	Rushcutter 2 30	Atlantis 40
Session 2A 12:00-1:00	<i>Hands on for Place Value</i>	<i>Bathed in Light</i>	<i>Teaching Geometry</i>	<i>Interactive Spreadsheets</i> Allan White, S B Ly, B.Shouk
LUNCH A	Brian Tickle K-6	Anthony Harradine 11-12	IWB Patrick Sullivan 7-12	O.Merheb, M.Kabbara 3-6
Session 2B 1:00-2:00	<i>Patterns to Algebra</i>	<i>Circuit Maths</i>	<i>Electronic Whiteboard in your classroom</i>	<i>Technology for Stage 4</i>
LUNCH B	Anita Chin 4-8 (middle school)	Jennifer Woods 7-12	IWB Paul Patterson 7-12	Tal Greengard 9-10
Session 3 2:00-3:00	<i>Fractions & Decimals</i>	<i>Authentic Geometry Lessons</i>	<i>Spinnamaths on Excel</i> IWB	<i>Fun with Autograph</i> Douglas Butler Bevan Penrose 7-12
Session 4 3.00-4.00	<i>Number Fact Strategies</i>	<i>Calculator Spreadsheets</i>	<i>Origami & Technology</i> IWB	<i>CAS software</i>
Session 4 3.00-4.00	Allan Turton K-6	Barry Kissane 7-12	Peter Fox 7-12	Tobias Cooper 11-12
4:00-4:30	Afternoon tea Exhibition Areas <i>Interactive Whiteboard practise time</i>			
Session 5 4:30-5:30	<i>Fantastic Folding Feats</i>	<i>Working Mathematically with HOTmaths</i>	<i>Calculus & Technology</i> IWB	<i>Interactive Maths Series Software Training</i>
Session 5 4:30-5:30	Allan Turton K-10	Janine Angove 7-10	Sue Thomson 11-12	Paul Rehill 7-10
6:00 pm	 River Cruise on the Port Venture			



PROGRAM MANSW Conference 2007

Monday 1 October 2007

8:00-9:00	 Early morning coffee Exhibition Areas			
Session 6 9:00-10:15	Keynote address Dr Rosemary Callingham Auditorium		<i>Manufacturing Mathematics Teachers</i> <i>Teaching Standards or Standardised Teaching?</i>	
10:15-10:40	Morning tea Exhibition Areas			
Room	Auditorium 1 50	Auditorium 2 50	Renaissance 1 30	Renaissance 2 30
Session 7 10.40-11.40	<i>Promoting Mathematics</i> Judy Anderson Katie Patterson 7-10	<i>Friendly MS Office 2007</i> Douglas Butler 7-12	<i>Tweaking the Year 7 program</i> Val Larkin 7	<i>Teaching conceptual Mathematics</i> Richard Andrew 6-12
Session 8A 11:40-12:40 LUNCH A	Auditorium FORUM - The Statistical Gap <i>General Mathematics statistics and the level of difficulty proposed in the new courses</i> Rosemary Callingham, Margaret Bigelow David Griffiths, Maureen Morris		<i>Probability Simulations</i> Mark O'Brien 7-10	<i>Alternative Assessment</i> Jennifer Woods 7-12
Session 8B 12:40-1:40 LUNCH B	<i>Contextual Mathematics</i> Ed Lewis K-8	<i>Make the most of MS Word Part 1</i> Emma Campbell K-12	<i>Probability with Technology</i> Russell Brown 11-12	<i>Deductive Geometry</i> Marye Taylor 7-12
Session 9 1:40 - 2:40	<i>Reflecting on Maths Understandings</i> Karen Skilling 5-9	<i>Mathematics Interstate & Overseas</i> Mary Coupland 7-12	<i>Algebraic modelling with Technology</i> Stephen Arnold 7-12	<i>Beginners Graphic Calculators</i> Richard Andrew 7-12
Session 10 2:40 - 3:40	<i>Spreadsheets</i> John Ley 7-12	<i>Pythagorean Hunt</i> Anthony Harradine 7-10	<i>Working Math'lly Online</i> Michael Mitchelmore Sharon London Heather McMaster 7-10	<i>Thai Food Carving</i> Sue Thomson 7-12
3:40 - 4:00	Afternoon tea Exhibition Areas			
Session 11 4:00 - 5:00	<i>Investigating with graphics calculators</i> Richard Andrew 7-12	<i>School Mathematics Glossary</i> Nick Connolly K-12	<i>Cooperative Learning</i> Mark O'Brien 7-10	<i>Thai Food Carving (repeat)</i> Sue Thomson all levels
7:00	Pre-dinner drinks			
7:30	Conference dinner The Pier		Jungle Fever	


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	Early morning coffee		Exhibition Areas	
9:00-10:15	Keynote address Dr Rosemary Callingham Auditorium		<i>Manufacturing Mathematics Teachers</i> <i>Teaching Standards or Standardised Teaching?</i>	
10:15-10:40	Morning tea Exhibition Areas		<i>Interactive Whiteboard</i> <i>practise time</i>	
Room	Rushcutter 1A 50	Rushcutter 1B 50	Rushcutter 2 30	Atlantis 40
Session 7 10:40-11:40	<i>Dynamic Geometry with Graphic Calculators</i> Sue Thomson 7-12	<i>Making Sense in Numeracy</i> Bev Dunbar Jan Harte 5-8 (Middle school)	<i>Probing for Understanding</i> K.Ahearn, G.Havadjia C.Gagliano K-6	<i>Dynamic Geometry Software</i> Pep Serow Michaela Inglis 11-12
Session 8A 11:40-12:40	<i>Mental Computation</i>	<i>General Mathematics using Graphic Calculators</i>	<i>Experience the Interactive Whiteboard</i> IWB	<i>GeoGebra</i>
LUNCH A	Gerard Tuffield K-6	Robert Rowland 11-12	Paul Patterson all levels	Tobias Cooper 7-12
Session 8B 12:40-1:40	<i>A new approach to percentages</i> Paul White Sue Wilson 5-6	<i>Teaching ideas Number & Algebra</i> Anthony Mahoney 7-12	<i>Trig Functions with real data</i> Jon Roberts 11-12	<i>Technology in K-2 classroom</i> Kristy Goodwin Kate Highfield K-2
Session 9 1:40 - 2:40	<i>Number Fact Strategies (repeat)</i> Allan Turton K-6	<i>Motivation & Engagement</i> Cathy Attard 5-8 (Middle school)	<i>Rubric Based Assessment</i> Baden Colliss Jacqui Lyon 7-10	<i>Pushing Boundaries with Autograph</i> Douglas Butler Bevan Penrose 11-12
Session 10 2:40 - 3:40	<i>Hands-on Fractions & Decimals</i> Anita Chin 4-8 (Middle school)	<i>Mighty Mental Arithmetic</i> Peter Maher K-6	<i>Exponentially Exciting</i> IWB Peter Fox 11-12	<i>FXDraw for resouce sheets</i> Elizabeth Stone 7-12
3:40 - 4:00	Afternoon tea		<i>Interactive Whiteboard</i>	
	Exhibition Areas		<i>practise time</i>	
Session 11 4:00 - 5:00	<i>How many? How far? How Long? How Much?</i> Karen McDaid 5-7	<i>Spatial Objects on a Calculator</i> Marian Kemp Barry Kissane 7-12	<i>Curved Areas</i> Jon Roberts 11-12	<i>CLI Maths Online</i> Boris Handal 7-10
7:00	Pre-dinner drinks			
7:30	Conference dinner		Jungle Fever	
	The Pier			


PROGRAM MANSW Conference 2007

Tuesday 2nd October

8:30 - 9:00	 Early morning coffee Exhibition Areas			
Room	Auditorium 1 50	Auditorium 2 50	Renaissance 1 30	Renaissance 2 30
Session 12 9:00 - 10:00	<i>Mathletics</i> Andrew Smith 7-8	<i>Learning Journals</i> Elizabeth Ferme 6-10	<i>Absolute Value</i> Nikky Vanderhout 11-12	<i>"1" thing about Mathematics</i> Scott Rodham 7-12
Session 13 10:00 - 11:00	<i>Determining School Certificate Grades</i> Garry Webb 7-10	<i>Statistics</i> Anthony Harradine 11-12	<i>Limit to 24 Marking HSC General</i> Rod Lyon 11-12	<i>HOTmaths investigations</i> Sharon London 7-9
11:00 - 11:30	Morning tea Exhibition Areas			
Session 14 11:30 - 12:30	<i>Open source Maths software</i> Gary Hughes 7-12	<i>Programming Years 7-10</i> Emma Campbell 7-10	<i>Limit to 25 Fractions with technology</i> Jenni Way, Gary Halpin Chris Herbert 3-6	<i>Spreadsheets with graphic calculators</i> Cassandra Portelli Sue MacGibbon 7-10
Session 15 12:30 - 1:30	<i>Girls' resilience in Mathematics</i> Jennifer Woods 7-12	<i>Percentages in today's world</i> Rene Hutchins 7-12	<i>Using ICT, websites & Mathletics</i> Deborah Liang 7-10	<i>A tale of two journeys</i> Dawn Bartlett 7-12
1:30 - 2:30	LUNCH			
2:30 - 3:30	Closing Activity Musical Mathematics -- Katrina and the Sine Waves Auditorium			
3:30	Afternoon tea Exhibition Areas <i>The end</i>			

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8:30 - 9:00	 Early morning coffee Exhibition Areas			
Room	Rushcutter 1A 50	Rushcutter 1B 50	Rushcutter 2 30	Atlantis 40
Session 12 9:00 - 10:00	<i>Gifted students in Mathematics</i> Neil McDermott K-6	<i>Statistics & Probability on Graphic Calculators</i> Marian Kemp 11-12	<i>Area Measurement</i> Michael Cavanagh 7-8	<i>MS Word Part 2 (diagrams)</i> Emma Campbell K-12
Session 13 10:00 - 11:00	<i>Hands-on Fractions & Decimals (repeat)</i> Anita Chin 4-8 (Middle school)	<i>Mighty Mental Arithmetic (Repeat)</i> Peter Maher K-6	<i>Numeracy across the curriculum</i> Zeffie Nicholas 5-8 (Middle school)	<i>Scaffolding Problem Solving</i> Steve Thornton Catherine Dobner 7-10
11:00 - 11:30	Morning tea Exhibition Areas <i>Interactive Whiteboard practise time</i>			
Session 14 11:30 - 12:30	<i>Practical Numeracy</i> Zdena Pethers 5-8 (Middle school)	<i>Equation solving with calculators</i> Barry Kissane 7-12	<i>Limit to 21 Fun With calculator robots IWB</i> Peter Fox 7-12	<i>FX Draw 3</i> Tobias Cooper 7-12
Session 15 12:30 - 1:30	<i>Use of Technology in Mathematics classrooms</i> Jim Green 7-12	<i>Context Rich Mathematics Units</i> Sue Wilson 3-10	<i>NSW global education</i> Allan White 3-10	<i>Introducing WinGeom</i> Michael Cavanagh Heather McMaster 7-10
1:30 - 2:30	LUNCH			
2:30 - 3:30	Closing Activity Musical Mathematics -- Katrina and the Sine Waves Auditorium			
3:30	Afternoon tea Exhibition Areas The end			