



A QSA conference

VISION TO REALITY

Queensland's new education landscape

27–29 April 2011 • Brisbane

A FOCUS ON MATHS AND SCIENCE

Expand your discipline knowledge and teaching skills in the areas of mathematics and science by attending the QSA's Vision to Reality conference.

Over three days, specialist presenters will address important topics for teachers seeking to improve their expertise and prepare for implementation of the Australian Curriculum.

In addition to a range of concurrent sessions, options include two-hour extension sessions for deeper engagement with the subject matter.

Covering all phases of schooling, this is the most comprehensive discipline-specific professional development available in 2011.

COST

One day	\$263
Two days	\$526
Three days	\$790

HOW TO REGISTER

For more information and to register visit
www.qsa.qld.edu.au/conference

VENUE

**Brisbane Convention
& Exhibition Centre (BCEC)**

Corner Merivale and Glenelg Streets
South Bank, Brisbane
Queensland 4101

Session type	Session title	Years	Presenter/s
Wednesday			
Extension session 6	Energising science assessment	Yrs 4–6	Russell Tytler and Tony Wright
Concurrent sessions block A	Do the maths	Yrs 4–10	Andy Edwards
Concurrent sessions block A	School improvement: Literacy/numeracy	P–7	Marianne Schubert and Claire Stanley
Concurrent sessions block A	Technology in secondary maths	Yrs 8–12	Bevan Penrose
Concurrent sessions block B	Differentiating instruction in Years 4–9	Yrs 4–9	Megan Stace
Concurrent sessions block B	Early phase: Literacy and numeracy with iPod Touch	P–3	Sue Francis and Kristie Blakeney
Concurrent sessions block C	Proportional reasoning: An essential but elusive component of numeracy	Yrs 4–10	Shelley Dole
Concurrent sessions block C	The use of item response modelling in large-scale assessments such as NAPLAN	P–12	Margaret Wu
Concurrent sessions block D	Developing deep understanding of fractions in the middle years	Yrs 4–7	Judy Anderson
Thursday			
Featured speaker sessions	A passion for financial literacy	Yrs 8–12	Scott Pape
Extension session 7	Including variability: Assessment techniques in maths	Yrs 4–6	Shelley Dole and Rosemary Callingham
Extension session 10	Energising science pedagogy	Yrs 4–6	Russell Tytler and Paul Parkinson
Concurrent sessions block F	Communicating science in outposts: Teaching primary science in isolated communities of the world	K–12	Patricia Vickers-Rich
Concurrent sessions block F	Count on SunLANDA: Exploring the NAPLAN numeracy data	P–10	Sue Robertson and Nev Glynn
Friday			
Extension session 16	Building proficiency: Working with the strands of the Australian Curriculum: Mathematics	Yrs 7–10	Judy Anderson and Merrilyn Goos
Extension session 19	Earth and space science: Evidence, models, explanations and theories	Yrs 7–10	Di Nichols and Gillian Kidman
Concurrent sessions block H	Student autonomy in science learning and assessment	P–7	David Fittell
Concurrent sessions block I	Developing a personal mathematical identity: What do primary teachers need to know?	P–7	Janine McIntosh

For the full program including session details and times, and to register, visit www.qsa.qld.edu.au/conference