



Linking Math Concepts with Content

Building a Math Village
Developing Partnerships among School, Home and Community

WED 2 AUG 09:30		AUDITORIUM Keynote 1: Dr Lizzie Harrison - The use of tablets in the classroom and dangers of social media				
		PRE		PRIMARY		HIGH
11:15 - 12:45 Session 1	Prof Marike de Witt	Concepts, concepts, concepts! Pre-School	Ms Peggy Zee	Are activity-based lessons effective In increasing the level of engagement of students In learning Mathematics? Gr 1 - 7	Mr Valentyn van der Merwe	Using manipulatives such as GeoGebra to teach geometry Gr 8 - 12
14:00 - 15:00 Session 2	Ms Peggy Zee	Myths of early Mathematics Pre-School	Ms Heidi Malan	The Language of Mathematics – making Maths meaningful: How to create a culture of problem solving Gr 1 - 7 Part 1	Ms Ingrid Marais	Understanding Algebra: helping students develop Maths skills associated with equivalence, operations with negative integers, and the distributive law and fraction concepts Gr 8 - 12
THU 3 AUG 09:00		AUDITORIUM Keynote 2: Prof Hercules Nieuwoudt - Teacher competency in Maths				
		PRE		PRIMARY		HIGH
11:00 - 12:45 Session 3	Ms Peggy Zee	Celebrate the power of estimate Pre & Gr 1 - 3	Ms Michelle Botha	Adopting best Mathematics assessment strategies – including the setting of a question paper – meeting the needs of ALL students and delivering additional targeted support for students at risk Gr 4 - 7	Prof Werner Olivier	Using Project Approach to Assisting Students to Develop and Analysing Graphs and Using Statistics to Demonstrate Understanding Gr 8 - 12
14:00 - 15:00 Session 4	Ms Peggy Zee	Developing early number concepts and number sense Pre & Gr 1 - 3	Ms Heidi Malan	The Language of Mathematics – making Maths meaningful: How to create a culture of problem solving Gr 4 – 7 Part 2	Ms Lee Pleass	Adopting best Mathematics assessment strategies – including the setting of a question paper – meeting the needs of ALL students and delivering additional targeted support for students at risk Gr 8 - 12
FRI 4 AUG 09:00		AUDITORIUM Keynote 3: Prof Kobus Neethling - Differentiated Instruction in Mathematical Context. Multi-level teaching – how to challenge the gifted child				
		PRE		PRIMARY		HIGH
10:30 - 12:00 Session 5	Ms Peggy Zee	In math class playing games - not playing games in math class! How to help a child think out of the box Pre & Gr 1 - 3	Ms Ingrid Marais	Understanding Algebra: Helping students develop Maths skills associated with equivalence, operations with negative integers, and the distributive law and fraction concepts Gr 4 - 7	Mr Valentyn van der Merwe	Finances with the focus on annuities Gr 8 - 12