



## 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	<b>Concepts, concepts, concepts!</b> Pre-School	Ms Peggy Zee	<b>Are activity-based lessons effective In increasing the level of engagement of students In learning Mathematics?</b> Gr 1 - 7	Mr Valentyn van der Merwe	<b>Using manipulatives such as GeoGebra to teach geometry</b> Gr 8 - 12
14:00 - 15:00 Session 2	Ms Peggy Zee	<b>Myths of early Mathematics</b> Pre-School	Ms Heidi Malan	<b>The Language of Mathematics – making Maths meaningful: How to create a culture of problem solving</b> Gr 1 - 7 Part 1	Ms Ingrid Marais	<b>Understanding Algebra: helping students develop Maths skills associated with equivalence, operations with negative integers, and the distributive law and fraction concepts</b> 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	<b>Celebrate the power of estimate</b> Pre & Gr 1 - 3	Ms Michelle Botha	<b>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</b> Gr 4 - 7	Prof Werner Olivier	<b>Using Project Approach to Assisting Students to Develop and Analysing Graphs and Using Statistics to Demonstrate Understanding</b> Gr 8 - 12
14:00 - 15:00 Session 4	Ms Peggy Zee	<b>Developing early number concepts and number sense</b> Pre & Gr 1 - 3	Ms Heidi Malan	<b>The Language of Mathematics – making Maths meaningful: How to create a culture of problem solving</b> Gr 4 – 7 Part 2	Ms Lee Pleass	<b>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</b> 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	<b>In math class playing games - not playing games in math class! How to help a child think out of the box</b> Pre & Gr 1 - 3	Ms Ingrid Marais	<b>Understanding Algebra: Helping students develop Maths skills associated with equivalence, operations with negative integers, and the distributive law and fraction concepts</b> Gr 4 - 7	Mr Valentyn van der Merwe	<b>Finances with the focus on annuities</b> Gr 8 - 12