



## Annual Regional Conference of AMESA Western Cape

Saturday  
6 September 2014

08h00 – 15h30

**CASIO**

**SHARP**

Cape Teaching and Leadership Institute (CTLI)  
Nooiensfontein Road,  
Kuilsriver

### ***How teachers use simple collections to teach basic arithmetic***

Zain Davis, Yusuf Johnson, Kaashief Hassan, Katyusha Vuso

You are invited to participate in the Western Cape Regional Conference of the Association for Mathematics Education of South Africa (AMESA). This regional conference brings to you a wide range of informative papers and useful workshops.

**Please note that this conference is for AMESA members only. However, if you wish to attend, but you (or your institution) are not a member, please fill in the attached membership application form, along with the conference registration form, and join us for a day of exciting activities and stimulating debate.**

e-mail your registration form to [gary.powell@uct.ac.za](mailto:gary.powell@uct.ac.za) AND [anita.campbell@uct.ac.za](mailto:anita.campbell@uct.ac.za), or fax to 021 650 5569

6 September 2014  
CTLI Kuilsriver

# AMESA Western Cape Regional Conference

## PROGRAMME



TIME	VENUE 1	VENUE 2	VENUE 3	VENUE 4	VENUE 5	VENUE 6	VENUE 7	VENUE 8
08h00 – 08h20	<b>REGISTRATION (BROADWAY) TEA/COFFEE (CAFETERIA)</b>							
08h20 – 08h35	<b>WELCOME AND OPENING (CAFETERIA)</b>							
08h40 – 09h10	<i>How I teach measurement: Length</i> (How I Teach) - Andrea Henderson, Christel House Primary [FP]	Using properties to “discover” and classify polygons (Workshop) - Joy Davids, Tuscany Glen Primary, Nompumezu Dlebusuku, Ummangaliso Primary & Gary Powell, UCT [IP/SP]	<i>Mini lesson study on teaching analogue time</i> (Short Paper) - Helene Schoeman, The Grove Primary [FP]	<i>Using clue boards and number lines for division in Grade 3</i> (Workshop) - Tania Halls, The Grove Primary [FP]	<i>Challenging the typical ‘chalk &amp; talk’ algebra lesson</i> (Short Paper) - Anthea Roberts, UCT [SP]	CASIO (Maths Market) Merrick James, CASIO [SP/FET]	Reasoning and Justifications in Circle Geometry (Workshop) - Rajen Govender, UWC [FET]	<i>Visualizing complex numbers for an intuitive understanding of complex multiplication</i> - Ingrid Mostert and Claire Blackman, AIMSSEC [FET College]
09h15 – 09h45	<i>How I teach number bonds</i> (How I Teach) - Melissa Mentoor, Capricorn Primary [FP]							
09h50 – 10h10	<b>TEA (CAFETERIA)</b>							
10h10 – 11h30	<b><i>How teachers use simple collections to teach basic arithmetic</i></b> Zain Davis, Yusuf Johnson, Kaashief Hassan, Katyusha Vuso (all UCT)							
11h35 – 12h05	<i>How I teach grouping</i> (How I Teach) - Tracey-Lee Bester, Capricorn Primary [FP]	<i>Language for adding and subtracting in Foundation Phase</i> (Workshop) - Vicky McDonald, Capricorn Primary [FP]	<i>Constructions and symmetries</i> (Workshop) - Sharon McAuliffe, CPUT [IP/SP]	<i>Deriving area and volume formulae for basic shapes and objects</i> (Workshop) - Stanley Adendorff, CPUT [IP/SP]	<i>So what if we . . . what if not? (A workshop looking at principles of using investigations for teaching and learning, rather than for assessment.)</i> - Neil Eddy, Wynberg Boys' High [SP/FET]	SHARP (Maths Market) – Tal Moore, SHARP [SP/FET]	<i>How I teach Number Patterns</i> (How I Teach) - Lloyd Stuurman, Strandfontein Senior Secondary [SP]	<i>Engaging with Nokia Mobile Mathematics – a locally developed, online FET Maths service with no subscription fee</i> (Workshop) - Garth Spencer-Smith, Ukufunda [FET]
12h10 – 12h40	Measurement: How I teach time in 12-hour format on an analogue clock (How I Teach) – Harlend Felix Pelican Park Primary, and Chrichana Felix, St Augustines Primary [IP]							
12h45 – 13h25	<b>LUNCH (CAFETERIA)</b>							
13h30 – 14h00	<i>Making resources for Measurement</i> (Workshop) - Ursula Röntsch, The Grove Primary [FP]	<i>Teaching strategies for mental mathematics</i> (Workshop) - Connie Skelton, Data Mind [IP]	<i>Teaching fractions in Foundation Phase</i> (Workshop) - Sue Fourie, The Grove Primary [FP]	<i>A formative assessment lesson: matching graphs, stories and tables</i> (Workshop) - Marie Joubert & Ingrid Mostert, AIMSSEC [SP/FET] Max number of participants: 30	<i>Shape and space in Foundation Phase</i> (Workshop) - Nicky Roberts, Wits University [FP]	<i>How I teach congruency</i> (How I Teach) - Adrian Lotter, Kannemeyer Primary [SP]	<i>Planning for Learning</i> (Workshop) - Sinobia Kenny & Lindiwe Tshuma, AIMSSEC [SP]	<i>Geometrical concepts in real life context: A case of South African traffic road signs</i> (Short Paper) - Sibawu Siyepu, CPUT [SP/FET]
14h05 – 14h35								
14h40 – 15h10						West Coast Branch Meeting		Eden/Central Karoo Branch Meeting
15h15	<b>PRIZE-GIVING AND CLOSURE (H3)</b>							



## **ANNUAL GENERAL MEETING**

**6 SEPTEMBER 2014**

### **AGENDA**

1. Welcome by Chairperson
2. Plenary Presentation:

*“How teachers use simple collections to teach basic arithmetic”*  
by Zain Davis, Yusuf Johnson, Kaashief Hassan, Katyusha Vuso (all UCT)

3. Apologies
4. Minutes of last Annual General Meeting
5. Matters arising
6. Chairperson’s Report
7. Treasurer’s Report
8. Any other business