



Annual Regional Conference of AMESA Western Cape

Saturday
28 May 2016

08h30 – 13h00

CASIO

SHARP

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

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.

Theme: *Language and Mathematics*
Plenary speaker: Lindiwe Tshuma

The conference fee is R50, which includes refreshments.

Please note that this conference is for AMESA members only. You may join as an individual member (R130 per year), your school can join as an institutional member (R360 per year), full-time pre-service students can join as associate members (R40 per year), or an individual can join as a life member (R3250).

Register online at <http://goo.gl/forms/rupvb5XiyZ> . Electronic payments preferred.

FP = Foundation Phase; IP = Intermediate Phase; SP = Senior Phase; FET = Further Education and Training

TIME	VENUE 1	VENUE 2	Conference Centre	VENUE 3	VENUE 4	VENUE 5	VENUE 6	COMPUTER ROOM
08h30 – 08h55	REGISTRATION (Broadway) Tea, coffee and muffins (Cafeteria)							
09h00 – 09h30	How I teach division and multiplication in a grade 3 class. Shereen Corker FP	Mathematics as a Whole Brain language Elmarie Meyer SP	The concept of a limit as an introduction to Calculus. Este du Plessis FET	Learners' errors when solving trigonometric equations and suggested interventions from Grade 12 Maths teachers Benard Chigonga FET	Workshop: Interpreting 2D representations of 3D arrangements. Kerryn Vollmer IP	Workshop: Problem solving Mike Cameron IP	Workshop: Things we don't teach our students about factors, primes and patterns. Carl Fourie SP	Workshop: Investigating the effect of parameters a, b, c and d on the graphs of trigonometric functions using Geogebra software. James Mica SP, FET
09h30 – 10h00	The equal sign: teacher's knowledge and learner's misconception. Bronwin Meyer FP / IP		Language factors in the conceptualisation of volume integrals in first year university mathematics. Omar Sheikh FET	Inequalities, logical connectives and absolute values: How "short-cuts" can lead to short-falls in students' understanding. Julianne van Zuydam FET				
10h00 – 10h30	Tea, coffee, sandwiches and something sweet (Cafeteria)							
10h30 – 12h00	Plenary speaker: Lindiwe Tshuma and AGM (Conference Centre)							
12h00 – 12h30	How I introduce a Number Line in the Grade 1 classroom. Tamryn Middelkoop FP	Writing and mathematical problem-solving in Grade 3. Belinda Petersen FP	A different approach to multiplication tables in grade 4/5. Stanley Adendorff & CPUT students IP	What students struggle with on their calculators. Merick James CASIO SP, FET	Study methods and Maths in magic. Cobus van der Merwe SP, FET	Workshop: Introducing and reinforcing fractions and operations on fractions using egg boxes and paper folding. Ingrid Mostert IP	Workshop: Starting with A: Restoring arithmetic to the central stage for learning Algebra. Connie Skelton Data Mind SP	Workshop: Things we don't teach our students about polynomials. Carl Fourie FET
12h30 – 13h00	How I teach: introduction to multiplication in Foundation Phase Melissa Mentoor FP	Using the knowledge of the bonds of 5 and 10 to develop efficient addition and subtraction strategies in any number range. Ursula Rontsch FP	Strategies to foster multiple meanings of fractions in grade 6/7. Stanley Adendorff & CPUT students IP, SP	Calculator fun. Tal Moore SEARTEC SP, FET				



ANNUAL GENERAL MEETING

28 May 2016

AGENDA

1. Welcome by Chairperson
2. Apologies
3. Minutes of last Annual General Meeting
4. Matters arising
5. Chairperson's Report
6. Treasurer's Report
7. Any other business

