Title: **CAPS – A comparison of the old and the new math curriculums in the Foundation Phase and what teachers need to do.**

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Institutions: Freda Africa currently does supply teaching to those schools needing assistance. Ed Chantler is the Managing Trustee of an Educational Trust and lectures part-time at the Cape Peninsula University of Technology.

Target Audience: Foundation Phase math teachers and students studying in that field

Motivation for the workshop: the workshop is important as it will make the participating teachers aware of the changes that have been put into effect by the new document and what changes will be required in the daily teaching of math in the Foundation Phase classroom – curriculum wise and changed terminology.

Description of the workshop:

1. Introduction – a brief introduction of the socio-economic and political and cultural circumstances requiring the need for educational change. Setting the scene where specific differences in the teaching of mathematics between the recent NCS document and the new NCS CAPS document are highlighted and listed for the participants as well as the curriculum expectations (5 min)
2. Working with number differences and similarities
3. Comparisons around pattern and the need to connect to algebraic thinking (15 min including discussion)
4. Consideration of shape- the recent and the new thinking in terms of teaching and methodology
5. Changing terminologies
6. The specific aims and specific skills now required by learners (15 min including discussion)
7. Assessment and the implications of the CAPS. (1 min input and 9 min discussion)
8. The list of approved textbooks via a screening process according to set criteria and using a number of these books as discussion examples (10 min with discussion)
9. Points made by the group will be recorded and summerised at the end for the participants. (5 min)

Abstract: The workshop concentrates on the changes and adjustments that have been made to the NCS in the new CAPS document in terms of teaching mathematics in the Foundation Phase (Reception Year to Grade 3). This will be a hands-on and interactive session whereby teachers will be working in small interactive groups and will be encouraged to discover and identify changes with time to respond through discussion relating to their findings. The time during this session will be concentrated on number, patterns and their relationship and algebraic thinking as well as shape and a focus on the systems of assessment. The changes in terminology will be discussed, as well as the specific aims

and specific skills now required to be mastered by learners. The experiences of the attending participants will be shared with the entire group together with those of the presenters.