Title of the workshop: CAPS and the Calculator Table Functions

Name of presenter(s): Merrick James

Institution where you are employed: James Ralph (Pty) Ltd

Target audience: FET

Motivation for the workshop:
Demonstrating the additional Table functions and other features that the recently released CASIO's *fx*-82ZA PLUS Scientific calculator has that are relevant to the new CAPS document.

Description of content of workshop
What will be done in the workshop?
Power point presentation showing the calculator setup and a worksheet coving the following Table functions: Graphing, Financial Mathematics, solving simultaneous equations and factorisation.
How will the time slot be broken up?
Introduction & set-up – 10 min
Basic calculator functions – 10min
Table functions:
Graphing (linear, quadratic & geometric) - 15 min
Financial mathematics – 5min
Solving simultaneous equations – 5 min
Factorisation – 5 min
Discussion – 10 min

The activities and worksheets to be used in the workshop
Worksheet to follow.

An abstract describing the level, nature and content of the workshop
CAPS and the Calculator Table Functions.
This is a workshop for FET Mathematics teachers.
Prior knowledge of the CASIO scientific calculator is not a requirement.
This is an introduction into the various Table functions of the CASIO calculator and how it will relate to the CAPS document.
Graphing, Financial Mathematics, solving simultaneous equations and factorisation using the Table function will be covered in the workshop.
A worksheet will be completed covering the various topics.

The CASIO *fx*-82ZA PLUS Calculator will be required by those attending the workshop.

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