

PM 108

**IMPLEMENTATION OF THE REALISTIC MATHEMATICS TEACHING
MATERIALS IN PRE-SERVICE TEACHER TRAINING IN INDONESIA AND
AUSTRALIA
(A PILOT STUDY)**

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Abstract

A preliminary study of designing contextual learning strategies for mathematics for junior secondary school in Indonesia was conducted by piloting of the students materials. The pilot study phase as preliminary study was used to examine whether student materials based on the RME approach (adapted from the Mathematics in Context curriculum, MiC, 1997a) could be implemented in an Indonesian setting. The recommendations of the pilot study were used to revise the materials, which were then used in the main study. The materials were trialled with two groups of trainee secondary mathematics teachers enrolled respectively in an Australian Graduate Diploma of Education course and an Indonesian secondary teacher training program. The results indicated that both the Australian and the Indonesian pre service teacher training recommended to use the materials for the main study with some revisions. A further professional development and follow up session then can use the students materials developed.

Key words: *Realistic Approach, Contextual, Indonesia, Australia.*

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