

**IMPACT OF SMASE TRAINING ON PERFORMANCE OF  
MATHEMATICS IN PRIMARY SCHOOLS, A CASE OF NGUNI ZONE,  
MWINGI EAST DISTRICT, KITUI COUNTY.**

**BY**

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## ABSTRACT

This research is aimed at finding out the impact of SMASE INSET on student's performance in Mathematics. The objectives of the study was to investigate if the SMASE INSET made learners to develop a positive attitude towards mathematics, improve the teaching approach and methodology in Mathematics and lastly the improvement of the performance of mathematics compared to the previous years before the SMASE INSET. This study was based on the constructivism theory of learning and also the theory of reasoned auctioned and the theory of planned behavior as proposed by Azen and Fishbein (1975 and 1980). This field study was carried out in Nguni zone, Mwingi East District, Kitui County. Descriptive Survey design was used for this study. The respondents were Mathematics teachers who attended SMASE INSETS and Heads of Mathematics department. Data was collected by use of questionnaires designed to suit the two groups of respondents. Data analysis was based on descriptive statistics and also content analysis was used.