

**THE EFFECTS OF ADVANCE ORGANIZERS STRATEGY ON STUDENTS' ACHIEVEMENT AND
MOTIVATION IN MATHEMATICS' SECONDARY SCHOOL IN MERU SOUTH DISTRICT: KENYA.**

BY

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Abstract

Approaches used in teaching have been identified among the factors contributing to the problem of poor achievement. In an attempt to overcome the problem of poor achievement, a number of innovative teaching strategies have come up in the past. One such strategy is the use of advance organizers. There is therefore a need to investigate the effects of the strategy in teaching of mathematics. This study is therefore aimed at determining the effects of advance organizers strategy on students' achievements and motivation in mathematics secondary schools in Meru South District. A quasi-experimental research design will be used. Teachers of the experimental group will use advance organizers. The other two will use the conventional teaching methods. The study will focus on the topic statistics which is taught in form two. It will involve the instruments for data collection as mathematics achievement (MAT) and students' motivation questionnaire (SMQ). These instruments will be pilot-tested in a school outside the Meru South District. It is hoped that the findings would be helpful to educational managers and teacher training institutions by providing an alternative teaching approach that would help in addressing the current problem of low achievement in mathematics.