

**SCHOOL CHARACTERISTIC AFFECTING ACADEMIC PERFORMANCE OF
STUDENTS IN MATHEMATICS. A STUDY OF KIAMBU SUB COUNTY, KIAMBU
COUNTY, KENYA.**

BY

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ABSTRACT

The quality of students' performance remains at top priority for educator. It is meant for making a difference locally, regionally, nationally and globally. Educators, trainers, and Researchers have long been interested in exploring variable contributing effectively for quality of performance of learners. Specific research on school climate in high-risk urban environment indicates that a positive, supportive, and culturally conscious school climate can significantly shape the degree of academic success. Academic performance of Mathematics as a subject has had varying results; some schools perform better while others perform poorly. The study seeks to assess school characteristic affecting the academic performance of the students in Kiambu Sub-County. The study will be guided by the following objectives; to determine how teacher staffing affects academic performance in mathematics, to evaluate the extent to which school infrastructure affects academic performance in mathematics, to explain how school locality affects academics performance in mathematics, examine the role of school management in improving academics performance in mathematics.

The study will use the descriptive survey research design. The research structure will entail gathering information from a relatively large group of cases. The target population will entail secondary school head teachers, teachers and students. The study will carry out purposeful sampling where school will be sample using the academic performance of mathematics. A total number of 8 school will be used and a total population of 264 respondents. Quantitative data will be analyzed by use of frequencies, percentages and averages. The findings of this study may benefits mathematics teachers in secondary school in understanding school challenges which may affect student's performance in the subject. The study may also be helpful to other education stakeholders who are interested in improving the academic performance of the subject. Finally, the study will add literature to the existing gaps and study recommendations may be expended further by other scholars.