

**FACTORS INFLUENCING THE PERFORMANCE OF A GIRL CHILD IN THE  
SCIENCE SUBJECTS IN PUBLIC SECONDARY SCHOOLS**

**A CASE OF KANGUNDO SUB-COUNTY**

**MACHAKOS COUNTY, KENYA**

**BY**

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**A RESEARCH PROJECT SUBMITTED TO THE SCHOOL OF  
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## ABSTRACT

The study sought to investigate factors influencing girls' performance in Science subjects in public secondary schools of Kangundo sub-county Machakos county, Kenya. The science subjects which are examinable in secondary level include Biology, Chemistry and Physics. The study was descriptive survey and was carried out in five secondary schools which were selected using stratified sampling. Data was collected from two hundred students, twenty teachers, and five principals using questionnaires and interview schedule. More data was collected from the previous examination results. The data were analyzed using both descriptive and inferential statistics. The data analysis revealed that school environment play a major role in performance and enrolment of girls in physics. It also found out that (70%) of the girls in the study passed the computational component of the Achievement test, indicating that mathematical factor had little influence on the Performance of girls in science subjects. The study further revealed that (80%) of the parents greatly Influenced the performance of girls in physics through the guidance and motivation that they Provide to their daughters. The study recommends that parents and teachers be involved in the guidance of the girls in order to change the girls' negative attitude towards science subjects. The Study also recommends in cooperation of computational mathematics in the teaching of science subjects. Finally the study recommends provision of more gender-responsive resources for learning science subjects. Findings of the study are very useful to the Ministry of Education, school managers and other stakeholders.