

**EFFECTS OF MATHEMATICS ON OTHER SCIENCE SUBJECTS BASED ON  
GENDER IN MAGARINI DISTRICT, KILIFI COUNTY.**

**BY**

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**A RESEARCH PROJECT SUBMITTED IN THE PARTIAL FULFILLMENT OF THE  
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## ABSTRACT

This research is intended to verify and determine whether there is a gender based difference in the performance of mathematics and related sciences at K.C.S.E level. It is also through this research that educationists in the larger Magarini District will base their policies to curb this vice in this District. The study will be prompted by the persistent poor girl students' results in mathematics and other sciences in KCSE examinations. As already stated, the subject plays a pivotal role in scientific progress and development. There are studies that have been conducted on this issue and several findings, conclusions and recommendations reached. However, there are certain factors that make the present study distinctive and significant. The study is aimed at creating awareness on gender performance in science and mathematics subjects. In particular, the results obtained will be useful in the following ways: Career guidance and counseling to redress the negative influence from other areas about work and sex-role stereotypes with an aim of extending options open to both boys and girls. This study will adopt a mixed- method approach by using both qualitative and quantitative techniques. Majorly the research will employ descriptive because it is cheap and things are measured as they are. The data will be collected from students, teachers and parents from the sampled schools using open ended and closed questionnaires and interviews. Furthermore, past KCSE data analysis will also be used in order to give a true reflection of the matter in question. The use of the 'mixed-method' research design is supported by the fact that "mathematics education research uses more elaborate methods and combines often qualitative and quantitative methods"