

**INVESTIGATION ON FACTORS CAUSING LOW PERFORMANCE OF PHYSICS IN
SECONDARY SCHOOLS IN NGARIAMA EDUCATION ZONE IN KIRINYAGA
COUNTY.**

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Abstract

This research sought to examine factors contributing to poor performance of physics in secondary schools in Ngariama Education zone, Gichugu Division, Kirinyaga County. Data was collected using descriptive method of was addressing current problems which need a solution for efficiency and case study for it will only target Secondary Schools in Ngariama zone. The study used descriptive survey to obtain information from nine schools. Simple random sampling techniques were used to select the nine schools because it offers all the subjects in the population equal chance of being selected. Questionnaire was used to collect data from the teachers and students. The suggestion of the supervisor was used to improve the instrument. Data from the questionnaire were tallied, tabulated and converted into percentages and source bars graphs and pie charts drawn. Result indicated that student' attitudes toward physics as a subject, methodology of teaching physics and the methods of evaluating effects the performance of physics. The result also indicated that failure to use presentable language when teaching has also shown to be possible factor however; the researchers believe that there is a need for the learners to have positive attitudes towards physics at the first years of experience to enhance performance. The teachers are expected to use teaching aids and use good language during instruction in class to ensure good performance. Availability of resource materials is a factor which needs to be considered if the performance of those schools and Kenya as a whole has to improve. The study recommended that the educators through the ministry of education who understands the value of physics in the curriculum to help upgrade the subject. This requires those engaged in the establishment of physics in the syllabus to take the responsibility of manning inventor to and migrate the common challenges that affect physics performance.