

**TEACHERS' PERCEPTION OF PHYSICS CLASSROOM LEARNING
ENVIRONMENT ON STUDENTS' ACADEMIC ACHIEVEMENT IN
PHYSICS.A CASE STUDY OF SELECTED SCHOOLS IN KATHIANI
DISTRICT.**

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**A RESEARCH PROJECT PRESENTED TO THE SCHOOL OF
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ABSTRACT

The research aims at establishing teachers' perception of physics classroom learning environment on students' academic achievement in physics. Physics has been focused to be an involving unit compared to other units. In many of the sampled schools physics has remained big challenge to many students and to an extent branded one of the most involving subjects in the academic units. The study also aims at proposing for possible ways of curbing the menace so as to enable learners change their perception towards the subject. In chapter one, the researcher tries to highlight on various researches carried out by a number of them pertaining to problem. Several authors such as Tytler (2000) highlighted that good learning requires constant variation in the purposeful intellectual activities of the learner and wide range of pedagogical stratifies. He again highlighted no particular subjects are easy but it just depends with a person's perspective and willingness to cope with the situation on the ground. Chapter two involves the literature review of various researchers who at one point identified the said problem and tried to propose for various actions. Several scholars have at some point discussed perception of physics by students and mentioned some measurers to be put in place to minimize the trend according to Bress, (2000) he revealed that mastery of subject matter has significant influence on the teachers' attitude towards some subjects. It was also found that teachers experience and teaching qualifications significantly influenced the attitude towards the subject. He highlighted that some teachers don't have the necessary skills to impart knowledge to the learners and hence the student competence to the teacher is lowered and thus negative perception. The third chapter of the research majors on data collection procedures, instruments and identification of the target population. This area highlights on some of the methods which the researcher used to collect data and reasons as to why he opted for the same. The researcher also gives information on the target group which was selected and the criteria for the selection. Chapter four of the research analyzes the data which has been collected. This was done through presentation into various figures such as bar graphs, line graphs and pie charts. The figures enhance or try to give out a clear picture of the trend of problem through visualization. The last chapter of the project tries to recommend, summarize and suggest possible solutions to the problem. The chapter also advices on the most favorable steps to be taken by the concerned parties as a way of improving the performance in physics. Again it also warns on steps which should be taken and highlights on their repercussions.