

**EFFECTS OF PRACTICAL WORK ON PHYSICS STUDENTS' PERFORMANCE IN
NATIONAL EXAMINATION IN SELECTED SCHOOLS IN SIRISIA DIVISION,
BUNGOMA WEST DISTRICT, KENYA**

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ABSTRACT

Practical skills and abilities are very important in the teaching and learning of physics and other science subjects in many ways as it helps learners to relate theory to reality thereby making it easy to understand what appears to be as difficult and abstract concepts, among other expected results. It is in this respect therefore that this study intended to investigate the factors that affect learner's practical abilities in physics during classroom interaction processes. This is because emphasis should be put on the understanding of the learning instructions on the part of the learners other than on the finishing of the teaching syllabus which benefits the teacher more than the learners. Relevant literature review concerning the study has been done under specific headings in chapter two. Four teachers of physics and their form three students were observed during physics lessons. Data was collected using questionnaires and observation schedules. The lickert scale was used to measure the attitude of students towards physics practicals. The four schools and the respective teachers and students were randomly selected from fifteen schools in the division. Data collected was analyzed qualitatively and quantitatively using basic statistics like percentages and frequency counts to provide information that helped to answer questions raised by the researcher.