

**IMPACT OF INFORMATION AND
COMMUNICATION TECHNOLOGY ON
CURRICULUM IMPLEMENTATION: A
CASE STUDY OF MBOONI GIRLS HIGH
SCHOOL**

BY

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ABSTRACT

This research was aimed at investigating deeply the impacts of Information Communication Technology on curriculum implementation in secondary schools. This study established the ICT facilities available in Mbooni Girls and their effectiveness in teaching and learning process, investigated the teachers attitude towards the use of ICT and whether it increased the students level of motivation in learning and determined the impacts of ICT implementation on the teaching/learning in Mbooni West District. In this study, the research design used was case study. This was because the researcher wanted to collect an in-depth data on the population that was being studied. It targeted 729 students and 32 teachers. Out of this 124 students and 4 teachers from each of the four departments (languages, technical, sciences, and humanities) were sampled out. The study used stratified sampling technique to select students and teachers. The main data collection instrument used was questionnaire administered to the students and the teachers from each of the four departments. The study used qualitative and quantitative analysis techniques. Quantitative technique was used for the closed ended questions and qualitative for the open ended since they captured the main ideas from the respondents. The researcher found that the ICT facilities available in Mbooni girls were not enough since they were few, the facilities were being effectively used though few. Teachers attitude towards use of ICT was not good since they claimed ignorance on how to use some of them. Students seemed motivated by the use of ICT in teaching/learning process especially on the science subjects. The impact of ICT implementation on curriculum was found to have challenges in Mbooni West District some of the factors leading to this being lack of electricity, inadequate facilities, ignorant of teachers and lack of trained personnel. It was concluded that proper implementation of ICT in curriculum was still far due to those challenges and the researcher recommended that the government to fund the installation of solar panels where there is no easy access to electricity to help supplement the electricity or help to supplement the cost of installing electricity, train more teachers and the IT personnel to help curb the problem of inadequate staff, the government help equip schools with more ICT facilities and the government to offer refresher courses to teachers on the same regularly as this will help them cope with the dynamics of the technology.