

Factors Affecting Utilisation of EMIS in Curriculum Implementation in Public Secondary Schools: A Case Study of Masinde Muliro Memorial Secondary School, Trans Nzoia West Sub-County, Kenya

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Abstract

This research was carried out to determine factors affecting utilisation of EMIS in curriculum implementation in public secondary schools. Thereafter the findings would be generalized to other public secondary schools in Kenya. The main argument is that ICT under its component EMIS is a prerequisite tool for globally competitive quality education. The study was conceived due to the factor that several parts of secondary school were attempting to provide ICTs, however, utilisation of EMIS in curriculum implementation, examinations, finances and students' enrolment seemed to be challenging because of several factors. To achieve this, the study had five research objectives. The study adopted a case study design targeting the principal, deputy principal and heads of department in Masinde Muliro Memorial Secondary school, Trans Nzoia, Kenya. This is because they were viewed as information rich cases. Data were collected using questionnaires as research instruments. Findings indicated that there is a value attached to ICTs and EMIS utilisation in curriculum implementation. The researcher recommends that schools be equipped with adequate ICT facilities and resources. Besides, teachers should go for capacity building in ICT skills and schools to adopt the national ICT policy and plan for its implementation.

Key words: Curriculum Implementation, Educational Management Information Systems (EMIS), Information and Communications Technology (ICT), ICT Adoption, Innovations, Software as a Service (SAAS)

Full text: <http://www.ijsrp.org/research-paper-1118/ijsrp-p8338.pdf>