

**ASSESSING THE CHALLENGES OF ICT INTEGRATION IN INSTRUCTION IN
KENYAN SECONDARY SCHOOLS; A CASE OF KATHONZWENI DISTRICT,
MAKUENI COUNTY**

BY

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ABSTRACT

The purpose of this study was to assess the challenges of ICT integration in instruction in Kenyan Secondary Schools in Kathonzi District of Makueni County. The objectives of the study included; i) Determining the availability of the requisite infrastructure to enable the use of ICT in Secondary Schools in the area of study, ii) finding out the status of ICT literacy among the Secondary School teachers in the District, iii) finding out the attitude of the teachers towards the use of ICT for instruction, iv) finding out other challenges faced by teachers in ICT integration for instruction. The literature reviewed covered the status of the use of ICT in education in developed countries, ICTs in developing countries, ICT use in Africa and ICT integration in education in Kenya. The study employed a descriptive survey design. The target population was 34 schools and 315 teachers. Since all the schools were targeted, this was a census inquiry. Two officials from the DEO's office were selected using purposive sampling. Data was collected using questionnaires and key informants interview schedules. Quantitative data was analyzed using statistical package for social sciences and tabulated into ratios, tables and percentages. Findings indicated that 44% of the schools studied were connected with electricity or had alternative source of power while 56% lacked any source of power. Computer laboratories were available in only 12% of the schools, 88% of the schools totally lacked computers. Only 3% of the schools with computers had internet connectivity. Only 33% of the respondents had any form of computer knowledge while 67% of the teachers were totally computer illiterate. An overwhelming 90% of the respondents reported that they were interested in learning how to use computers for instruction. However 59% of the respondents remained skeptical that ICT integration may be a plot by the Government to elbow them out of employment. Challenges faced by teachers in ICT integration in instruction included teachers negative attitude towards ICT integration, lack of ICT training among teachers, lack of requisite infrastructure of ICT integration and heavy workloads by the teachers among others. Recommendations were on availing the required infrastructure and provisions of computers together with giving teachers the required training on how to use ICT for instruction.