

**COSTS, BENEFITS AND STRATEGIES FOR IMPLEMENTING OF
E-LEARNING IN SECONDARY SCHOOLS IN KANGUNDO DISTRICT,
MACHAKOS COUNTY – KENYA.**

by

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ABSTRACT

The proposal entails an assessment of the costs, benefits and strategies for implementing e-learning for effective teaching and learning of public secondary schools in Kangundo District alongside its significance in the public secondary school teaching and learning processes. This sought to identify those factors influencing the development of e-learning, finding out how access to e-learning has impacts on instruction, basic requirement to use e-learning and any support services necessary to rely on e-learning in Kangundo district secondary schools and the cost effectiveness of such a move. Basically, the study has been a descriptive survey. The survey design was best suited for this study because the data required for analysis was to be collected from a large population, in which it might be hard to observe the features of each individual. The survey dealt with a population of 9 public secondary schools in Kangundo District and Purposive sampling technique applied for the selection of respondents without biasness. From each sample, data collection instruments were administered on the relevant actors. The Instruments used for data collection included; questionnaire for students and an interview guide for the teachers and a checklist to capture the physical elearning facilities. The data collected was analysed using frequency counts and from which tables were derived. A major observation was that the schools have adopted e-learning with varying degrees of success. Schools should prioritize inservicing of teachers to improve their ICT skills as the study found that some of the teachers had low skills in ICT and this would motivate them to deliver and even encourage their students to embrace e-learning. Boards of management should prioritise ICT infrastructure development to support e-learning adequately and also suggest the study be replicated in other districts. The researcher hopes that the findings and recommendations of the study will lead to effective use of ICT in teaching and learning of public secondary schools and also provide valuable reference for policy-makers, researchers and others involved in the running of schools.