

**ASSESSMENT OF COST AND ACADEMIC
IMPLICATION OF COMPUTER-BASED LEARNING
IN SECONDARY SCHOOL IN NYERI DISTRICT
A CASE STUDY OF NYERI HIGH SCHOOL**

BY

MACHARIA BARNABAS MAINA

E37S110/02001

**A RESEARCH REPORT SUBMITTED TO THE MOUNT
KENYA UNIVERSITY IN PARTIAL FULFILLMENT OF
THE REQUIREMENT FOR THE AWARD OF DEGREE OF
BACHELOR OF EDUCATION (SCIENCE)**

OCTOBER, 2012

ABSTRACT

This study was done to establish the cost of installing computer hardware and software in Nyeri high school. It also aimed at finding out the implication of computer-based learning in secondary schools.

In the study the researcher employed questionnaires to gather the necessary data from the respondents. Questionnaires were prepared for both students and teachers and the data collected, analysed and conclusion made.

The main findings of the study were the cost of computers installation was quite high and expensive. Students and teachers are more effective in their studies and learning respectively while using computers as compared to the manual way. It was also found out that computer-based learning helps improve academic performance of students and hence the school.

Approaches used in teaching the subject have been identified as some of the contributing factors to the problem of low achievement. This study therefore aimed at finding out the effects of computer-based learning Approach (CBL) on students' performance.

The researcher recommends that government to greatly reduce computer costs so as to enable schools to acquire them. All subjects in the curriculum should embrace the computer technology. Also the government should undertake to computerize all public secondary schools.