

Integrating ICT into Teaching and Learning Biology: A Case for Rachuonyo South Sub-County, Kenya

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Abstract:

The purpose of this study was to find out the extent of integration of computer technology into teaching and learning Biology in secondary schools of Rachuonyo South Sub-County, Kenya. The target population consisted of students and biology teachers in the Sub-County. Data was collected by use of questionnaires and an observation check list. From the study, most schools had few computers; teachers had inadequate training on use of computer applications; most teachers did not use computer technology for personal growth and instructional purposes. Inadequate number of computers in the sampled schools was the major challenge facing the integration of computer technology into the instruction process. The study recommends increased accessibility of computers, adequate training on use of computer technology and development of a policy framework to guide on the path to effective computer integration into instruction process.

Keywords: Computer, Technology, Biology, Constructivist Learning, Attitude, Education

Full text:

<http://www.sciencepublishinggroup.com/journal/paperinfo?journalid=214&doi=10.11648/j.ijecs.20170206.12>