



Access to Digital Education and Student Performance in Kenyan E-Schools 2003

Mwangi Ngina¹

¹ Department of Interdisciplinary Studies, African Population and Health Research Center (APHRC)

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Correspondence: mngina@outlook.com

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Author notes

Mwangi Ngina is affiliated with Department of Interdisciplinary Studies, African Population and Health Research Center (APHRC) and focuses on Business research in Africa.

Abstract

This study examines the impact of access to digital education on student performance in e-schools within Kenya. A survey was conducted among a sample of students enrolled in e-schools across Kenya, with data collected through questionnaires that included questions on digital resource availability and performance metrics such as test scores and attendance records. Students who had regular access to digital educational resources demonstrated an average improvement of 15% in their academic performance compared to those without consistent access. The findings suggest a strong correlation between the availability of digital education tools and student achievement, indicating that enhancing digital infrastructure could be a viable strategy for improving educational outcomes in e-schools. School administrators should prioritise upgrading existing technology and expanding internet connectivity to ensure all students have equitable access to digital learning resources.

Keywords: *Kenya, Digital Divide, E-Schools, Educational Technology, Quantitative Research, Learning Outcomes, Survey Methodology*

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