



Impact of Early Childhood Education Programmes on Academic Performance in Northern Ghana Primary Schools: An Eight-Year Review

Kofi Kuma¹, Adwoa Acquah²

¹ Noguchi Memorial Institute for Medical Research

² Council for Scientific and Industrial Research (CSIR-Ghana)

Published: 03 October 2010 | **Received:** 22 July 2010 | **Accepted:** 25 August 2010

Correspondence: kkuma@gmail.com

DOI: [10.5281/zenodo.18905336](https://doi.org/10.5281/zenodo.18905336)

Author notes

Kofi Kuma is affiliated with Noguchi Memorial Institute for Medical Research and focuses on African Studies research in Africa.

Adwoa Acquah is affiliated with Council for Scientific and Industrial Research (CSIR-Ghana) and focuses on African Studies research in Africa.

Abstract

Early childhood education (ECE) programmes are increasingly recognised for their potential to enhance cognitive development in children, setting them up for academic success later in life. A comprehensive review was conducted using data from official education records and standardised assessments administered to students across participating schools. The analysis revealed a significant improvement in mean test scores by 15% for students enrolled in ECE programmes compared to those not enrolled, highlighting the positive correlation between early learning interventions and academic outcomes. The study underscores the importance of integrating ECE into primary school curricula to mitigate educational disparities. Investment in ECE programmes should be prioritised by government agencies and education stakeholders to ensure equitable access and improve overall student performance. Early Childhood Education, Academic Performance, Primary Schools, Northern Ghana

Keywords: *Sub-Saharan, African, Socioeconomic, Developmental, studies, ECD, educational, growth*

ABSTRACT-ONLY PUBLICATION

This is an abstract-only publication. The complete research paper with full methodology, results, discussion, and references is available upon request.

✉ **REQUEST FULL PAPER**

Email: info@parj.africa

Request your copy of the full paper today!

SUBMIT YOUR RESEARCH

Are you a researcher in Africa? We welcome your submissions!

Join our community of African scholars and share your groundbreaking work.

Submit at: app.parj.africa



Scan to visit app.parj.africa

Open Access Scholarship from PARJ

Empowering African Research | Advancing Global Knowledge