



# **Effectiveness of School Feeding Programmes on Academic Performance in Ghanaian Primary Schools: A Comparative Analysis in Democratic Republic of Congo's Context**

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## **Abstract**

School feeding programmes are interventions designed to improve nutrition among primary school students in developing countries, aiming to enhance their cognitive function and academic performance. The research employs longitudinal data analysis, comparing indicators such as attendance rates and standardised test scores to assess the impact of nutrition on academic performance. The study leverages existing databases from both regions and applies consistent criteria for programme implementation and evaluation. In the Congolese context, a significant positive correlation was observed between regular school feeding and improved student concentration levels, translating into higher test scores by an average of 12% in mathematics and language subjects over two academic years. The findings suggest that consistent implementation of school feeding programmes can significantly enhance academic performance among primary school students. This study contributes to the evidence base on nutrition's impact on educational outcomes. School administrators, policymakers, and educators should consider integrating regular school meals into their curricula as a strategic measure for improving student learning environments. school feeding programmes, academic performance, longitudinal analysis, primary education, nutritional impacts

**Keywords:** *Sub-Saharan, nutrition, intervention, cognitive development, longitudinal, econometric, comparative*

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