

From Chalkboards to Chatbots — World Bank RCT Finds Microsoft Copilot Tutoring Lifts English Scores by Two Years in Edo State, Nigeria

AI in Education · Good practice · Nigeria

Quality score: 67/100

Evidence strength: Randomised controlled trial

Summary

A World Bank RCT in Edo State, Nigeria found 800 secondary students using Microsoft Copilot in teacher-guided after-school English classes gained 0.31 SD - roughly 1.5-2 years of learning - in six weeks, with the largest gains among girls.

Key dimensions

Dimension	Score
Evidence of learning impact	3/3
Equity & inclusion	2/3
Transparency, ethics & data protection	2/3
Teacher capability & pedagogy	2/3
Scalability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-08-23

[World Bank](#) — accessed 2026-08-23

[World Bank blog: From chalkboards to chatbots](#) — accessed 2026-08-23

[World Bank Policy Research Working Paper 11125](#) — accessed 2026-08-23

[ICTworks: Generative AI Proven to Advance Learning Outcomes in Nigeria](#) — accessed 2026-08-23

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