

WhatsApp + LLM Chatbot for Teacher Professional Development — Bertoua, Cameroon

AI in Education · Good practice · Cameroon

Quality score: 47/100

Evidence strength: Moderate

Summary

A WhatsApp chatbot delivering LLM-drafted teacher-training content was piloted with 47 primary teachers in Bertoua, Cameroon. It scored significantly higher on usability than an online-form baseline ($p=.044$), but connectivity costs and English-only content limited reach.

Key dimensions

Dimension	Score
Evidence of learning impact	1/3
Equity & inclusion	1/3
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 2026-07-12

[International NGO teacher-training programme \(Bertoua, East Region\) with LLM-supported content](#) — accessed 2026-07-12

[arXiv preprint: Teacher Professional Development on WhatsApp and LLMs — Early Lessons from Cameroon](#) — accessed 2026-07-12

[Global Partnership for Education: WhatsApp-integrated AI — what it can \(and cannot\) do for teachers, pedagogy and TPD](#) — accessed 2026-07-12

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