

Eedi × Google DeepMind LearnLM — Human-in-the-Loop AI Tutoring RCT in UK Secondary Schools

AI in Education · Good practice · United Kingdom

Quality score: 60/100

Evidence strength: Randomised controlled trial

Summary

An exploratory RCT (N=165, 5 UK secondary schools) found human tutors supervising Google DeepMind's LearnLM boosted student learning gains to 10 percentage points versus 4.5 for human tutoring alone, with 76.4% of AI-drafted messages needing no more than minor edits.

Key dimensions

Dimension	Score
Evidence of learning impact	3/3
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 2026-08-15

[Eedi; Google DeepMind \(LearnLM\)](#) — accessed 2026-08-15

[arXiv preprint](#) — accessed 2026-08-15

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