Siyavula — AI-adaptive maths and science practice for South African high schools

AI in Education · Good practice · South Africa

Quality score: 60/100

Evidence strength: Quasi-experimental

Summary

South African platform for 2M+ secondary students with free government-distributed maths/science textbooks and AI-adaptive practice. Dell Foundation: 17,000 Gauteng pupils. JumpStart quasi-experiment (Roberts & Moloi 2021): EGMA effects 0.52–0.94. Entity restructured 2023–24.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-06-24

Siyavula Foundation — accessed 2026-06-24

HundrED Foundation profile (scale & mission) — accessed 2026-06-24

Roberts & Moloi 2021 — JumpStart EGMA impact (ResearchGate) — accessed 2026-06-24

CPUT thesis — UX evaluation for special-needs learners — accessed 2026-06-24

Siyavula Foundation — Our story — accessed 2026-06-24

ERIC — Siyavula Case: Collaborative textbook authoring — accessed 2026-06-24

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