

Plan Ceibal — Uruguay's national adaptive mathematics platform for primary education

AI in Education · Good practice · Uruguay

Quality score: 80/100

Evidence strength: Quasi-experimental

Summary

National adaptive mathematics platform (PAM) for all Uruguayan primary (grades 3-6) and lower secondary students since 2013. An independent CINVE quasi-experimental study (2,143 students, 237 schools) found a +0.20 SD maths score gain, with larger effects for lower-SES pupils.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-06-24

[Plan Ceibal](#) — accessed 2026-06-24

[CINVE evaluation working paper \(2019\)](#) — accessed 2026-06-24

[Eurasia Journal of Mathematics, Science and Technology Education](#) — accessed 2026-06-24

[IDB fAIRLAC — Adaptive Mathematics Platform Ceibal](#) — accessed 2026-06-24

[UNESCO documentation on Plan Ceibal](#) — accessed 2026-06-24

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