

PAM — Uruguay's National Adaptive Maths Platform: CINVE Finds +0.2 SD, Largest for Lower-Income Pupils

AI in Education · Good practice · Uruguay

Quality score: 67/100

Evidence strength: Moderate

Summary

Plan Ceibal's adaptive maths platform (PAM) reached about half of Uruguay's grade 3–6 pupils by 2016. A CINVE evaluation estimates +0.2 SD in maths scores, larger for lower-income pupils; non-experimental, with no reading effect.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-10-09

[Plan Ceibal / ANEP \(evaluated by CINVE\)](#) — accessed 2026-10-09

[CINVE impact evaluation \(Perera & Aboal, 2018\)](#) — ANII repository — accessed 2026-10-09

[Presidencia de Uruguay: PAM users improved maths learning \(4 Oct 2017\)](#) — accessed 2026-10-09

[Presidencia de Uruguay: 100,000 pupils used the platform \(2019\)](#) — accessed 2026-10-09

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