Lexplore — AI Eye-Tracking Screening for Dyslexia and Reading Difficulties

AI in Education · Good practice · Sweden

Quality score: 53/100

Evidence strength: Observational / pre–post

Summary

Lexplore, a Karolinska Institutet spin-off, uses AI eye-tracking to flag dyslexia risk in ~5 minutes, screening ~8,000 children since 2016. A 2026 independent study found a large effect in a small sample and flagged the algorithm's opacity.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-07-06

Lexplore AB — accessed 2026-07-06

Lexplore validation study, Frontiers in Education (2026) — accessed 2026-07-06

HundrED profile: Lexplore — accessed 2026-07-06

Lexplore company site — accessed 2026-07-06

Cite this — Evidoria. *Lexplore — AI Eye-Tracking Screening for Dyslexia and Reading Difficulties*. Persistent ID: f3d73447-4856-4bef-be6b-2d02f762dffe.