

# AI-Assisted Oral Reading Screening — Flagging Reading Difficulty in Greek Primary Pupils

AI in Education · Good practice · Greece

Quality score: 47/100

Evidence strength: Observational / pre–post

## Summary

University of Thessaly researchers built a deep-learning tool that flags reading difficulty from 7-second recordings of Greek pupils reading aloud, reaching 84% accuracy vs expert judgement — a low-cost screening aid the authors say still needs classroom-noise validation.

## Key dimensions

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

Evaluated by C-NAPSE

## Data sources

[Evidoria practice page — AI-Assisted Oral Reading Screening \(Greece\)](#) — accessed 2026-08-01

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