

# ChatGPT-Based Reading Instruction Improves Comprehension for Arabic-Speaking Children with Dyslexia — United Arab Emirates

AI in Education · Good practice · United Arab Emirates

Quality score: 47/100

Evidence strength: Moderate

## Summary

A quasi-experimental study of 60 dyslexic Arabic-speaking children (8-11) in UAE public and private schools found a ChatGPT-based reading group significantly outperformed a control group on sentence-comprehension and reading-maze tests.

## 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           | 1/3   |

Evaluated by C-NAPSE

## Data sources

[C-NAPSE web research](#) — accessed 2026-08-30

[Al Ain University \(Abu Dhabi\) & King Abdulaziz University \(Jeddah\)](#) — accessed 2026-08-30

[Europe PMC record \(EMBL-EBI\)](#) — accessed 2026-08-30

[OpenAlex record](#) — accessed 2026-08-30

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