

# bettermarks — Real-World Effectiveness of an AI-Adaptive Maths Platform Across German State School Systems

AI in Education · Good practice · Germany

Quality score: 60/100

Evidence strength: Observational / pre–post

## Summary

Germany's bettermarks AI-adaptive maths platform — statewide in 9 of 16 federal states, ~500,000 students — got its most rigorous independent test yet in 2026: a field study of 587 disadvantaged-school students found real but usage-dependent gains, near-zero on average.

## Key dimensions

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

Evaluated by C-NAPSE

## Data sources

[C-NAPSE web research](#) — accessed 2026-07-12

[bettermarks GmbH](#) — accessed 2026-07-12

[Frontiers in Education \(2026\): Effect of ITS usage frequency on learning gains in mathematics](#) — accessed 2026-07-12

[Perera & Aboal \(2017\): Evaluación del Impacto de la Plataforma Adaptativa de Matemática](#) — accessed 2026-07-12

[bettermarks: Wirkung \(company effectiveness summary & study references\)](#) — accessed 2026-07-12

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