MDASH — Japan's National Certification of University Maths, Data Science and AI Literacy Programmes

AI in Education · Good practice · Japan

Quality score: 53/100

Evidence strength: Moderate

Summary

Since FY2021 Japan's education minister has certified university, junior-college and kosen programmes in maths, data science and AI. By FY2025, 592 literacy-level and 383 applied-basic certifications were issued, but no learning-outcome evaluation is published.

Key dimensions

Dimension	Score
Evidence of learning impact	0/3
Equity & inclusion	2/3
Transparency, ethics & data protection	2/3
Teacher capability & pedagogy	1/3
Scalability & sustainability	3/3

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-11-11

Ministry of Education, Culture, Sports, Science and Technology (MEXT), with the Cabinet Office and METI — accessed 2026-11-11

Cabinet Office announcement of FY2025 certifications — accessed 2026-11-11

Obunsha Education Information Centre: FY2021–2025 certification tally — accessed 2026-11-11

MEXT MDASH literacy re-certification guidelines (FY2027) — accessed 2026-11-11

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