

Tinkering with Tech and AI — UNICEF's Girls-Inclusive STEM Pilot in San Pedro Sula, Honduras

AI in Education · Good practice · Honduras

Quality score: 60/100

Evidence strength: Moderate

Summary

UNICEF's Tinkering with Tech and AI pilot brings Micro:bit-based STEM and AI learning to 100+ school centres in northern Honduras, with dedicated support for girls. Piloted in 2024 with Maldives, Montenegro and Vietnam, it is expanding with Arm and Raspberry Pi Foundation.

Key dimensions

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

Evaluated by C-NAPSE

Data sources

[C-NAPSE web research](#) — accessed 2026-07-30

[UNICEF Global Learning and Innovation Hub / Micro:bit Educational Foundation](#) — accessed 2026-07-30

[micro:bit Foundation — Scaling up Tinkering with Tech with UNICEF](#) — accessed 2026-07-30

[EdTech Innovation Hub — UNICEF expands Tinkering with Tech to new countries](#) — accessed 2026-07-30

[UNICEF Digital Education — Tinkering with Tech in Honduras](#) — accessed 2026-07-30

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