



Teachers' Trust in AI

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Academic Insights

- Teachers' trust depends on AI understanding and self-efficacy.
- Cultural context shapes attitudes toward AI adoption.
- No major differences by age or gender were found.
- Teachers balance perceived benefits against risks and uncertainty.
- Trust is essential for meaningful classroom integration.
- Professional development strongly influences acceptance.

Apply This Now

- Prioritize teacher AI literacy before deployment.
- Address concerns openly rather than mandating tools.
- Tailor AI training to cultural and school contexts.

Add This in Your Lesson

Model transparent AI use as a teacher, including doubts and limits.

Avoid This Mistake

Assuming resistance equals technophobia.

Keywords

Teacher trust; AI adoption; Culture; AI literacy; Professional development

Reference

Viberg, O., et al. (2025). What explains teachers' trust in AI in education across six countries? *International Journal of Artificial Intelligence in Education*, 35, 1288–1316.
<https://doi.org/10.1007/s40593-024-00433-x>

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