

Chapter 7

Unlocking STEM Potential: Leveraging AI to Support Multilingual Learners – Pritha G. Roy, Uma E. Sarkar, Kelly L. Knight, and William Franz Lamberti

Additional Readings

- **UNESCO (2023). *Guidance for Generative AI in Education and Research*.**
<https://www.unesco.org/en/articles/guidance-generative-ai-education-and-research>
A global policy framework offering principles and recommendations for the ethical use of AI in education.
- **UNESCO (2023). *Guidance for Generative AI in Education and Research* (Full PDF).**
<https://unesdoc.unesco.org/ark:/48223/pf0000391105>
Full text of the official guidance document from UNESCO.
- **Discourse Analytic Perspectives on STEM Education**
[Google Books Link](#)
A collection of research studies exploring how language shapes participation and learning in STEM, especially for multilingual learners.

Digital Resources

- **Creativity and Critical Thinking in the Age of AI - teaching tools**
<https://www.youtube.com/watch?v=XhJN3gRCm8k>
- **Webinar: Critical Thinking at the Heart of AI Literacy**
<https://www.youtube.com/watch?v=yr0-RLGZshg>
- **Podcast: The Potential of AI for Multilingual Learners**
[The potential of AI for multilingual learners](#)