

Special Issue

Unleashing Minds: Cultivating Critical Thinking in the Classroom in the Era of AI

Message from the Guest Editors

Critical thinking (CT) is an essential skill in fostering informed decision-making, problem-solving, and ethical judgment across diverse domains. In the digital age, where misinformation is widespread, CT is crucial to identify credible sources. Fostering CT is a shared goal across global education systems, employers, and policymakers. This is especially the case in the context of artificial intelligence (AI). The interaction between AI and CT is a key research area: CT is vital for the ethical use of AI, and AI can help to build CT skills when effectively integrated into teaching. Therefore, this **Special Issue** is dedicated to exploring the topic of interaction between CT and AI in higher education. By embracing multiple perspectives and disciplines in higher education, we aim to develop a comprehensive understanding of how CT is fostered by the use of AI in teaching and learning and, vice versa, how CT can be applied to effectively use AI in learning and future work.

Guest Editors

Prof. Dr. Elena Mäkiö

Computer Science & Applications, Hochschule Furtwangen University, Robert-Gerwig-Platz 1, D-78120 Furtwangen, Germany

Prof. Dr. Juho Mäkiö

Electrical Engineering and Computer Science, University of Applied Sciences Emden/Leer, Constantiaplatz 4, 26723 Emden, Germany

Dr. Freeha Azmat

WMG, University of Warwick, Coventry, CV47AL, UK

Deadline for manuscript submissions

31 December 2026



Education Sciences

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.5



mdpi.com/si/259002

Education Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
education@mdpi.com

[mdpi.com/journal/
education](https://mdpi.com/journal/education)





Education Sciences

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.5



[mdpi.com/journal/
education](https://mdpi.com/journal/education)



About the Journal

Message from the Editor-in-Chief

From its first issue in 2011, *Education Sciences* (ISSN 2227-7102) has grown as a scholarly international open access journal. Its aim remains to publish extended full-length research papers that have the scope to substantively address current issues in education. As a member of the Committee on Publication Ethics (COPE), our goal has been to disseminate high quality research. Our publisher, MDPI, takes the responsibility to enforce a rigorous double-blind peer-review together with strict ethical policies and standards to ensure to add high quality scientific works to the field of scholarly publication.

Editor-in-Chief

Prof. Dr. Daniel Muijs

School of Social Sciences, Education and Social Work, Queen's University Belfast, Belfast BT7 1NN, UK

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), Educational Research Abstracts, PsycInfo, and other databases.

Journal Rank:

JCR - Q1 (Education and Educational Research) / CiteScore - Q1 (Physical Therapy, Sports Therapy and Rehabilitation)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.5 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the second half of 2025).