

## Special Issue

# Artificial Intelligence and Computational Thinking in Education Across All Levels

### Message from the Guest Editors

The integration of artificial intelligence (AI) and computational thinking (CT) is revolutionizing educational paradigms across all levels, from pre-primary to university education. The Special Issue aims to explore AI and CT's diverse applications and impacts in the entire spectrum of educational settings and seeks contributions illuminating AI and CT's role at different educational levels, including pre-primary, primary, secondary, and tertiary education. We welcome original research, case studies, systematic reviews, and theoretical papers addressing, but not limited to:

- AI-driven Learning Environments
- Computational Thinking in Curriculum Integration
- Teacher Training and Professional Development
- Ethical and Inclusive Education
- Evaluating Educational Outcomes
- Diverse Educational Settings

We invite contributions from a broad range of disciplines and perspectives. Submissions should provide insightful analysis, empirical evidence, and a solid connection to current educational practices and theories.

---

### Guest Editors

Prof. Dr. Charoula Angeli-Valanides

Department of Education, University of Cyprus, 1678 Nicosia, Cyprus

Prof. Dr. Gary K. W. Wong

Faculty of Education, The University of Hong Kong, Hong Kong SAR, China

---

### Deadline for manuscript submissions

closed (28 February 2025)



## Education Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 5.5



[mdpi.com/si/214741](https://mdpi.com/si/214741)

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