

Special Issue

STEAM Education and Digital Competencies

Message from the Guest Editors

In this Special Issue, we invite scholars to submit articles that answers the aforementioned questions along with supporting evidence. We hope this will help teachers during their initial training and professional development, allowing them to use the STEAM approach efficiently to enrich both the teaching and learning process. Manuscripts with the following focuses are welcome:

- Systematic reviews that bring together knowledge on a specific topic of STEAM education for involving girls in areas they are/were not particularly interested in or learning digital competencies;
- Educational innovations focused on STEAM education and developing digital competencies;
- Theoretical and conceptual frameworks related to digital educational resources used in STEAM Education.

This Special Issue on 'STEAM Education and Digital Competencies' will accept both review and empirical articles developed at any school level, and higher education or non-formal educational environments.

Guest Editors

Dr. Clara Vasconcelos

1.Science Teaching Unit, Department of Geoscience, Environmental and Land Planning, Faculty of Sciences, University of Porto, Porto, Portugal

2.Interdisciplinary Centre of Marine and Environmental Research, University of Porto, Porto, Portugal

Dr. Marcelo Dumas Hahn

1.Science Teaching Unit, Faculty of Sciences, University of Porto, Porto, Portugal

2.Institute of Physics for Advanced Materials, Nanotechnology and Photonics, Porto, Portugal

Deadline for manuscript submissions

closed (31 October 2024)



Education Sciences

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.5



mdpi.com/si/182859

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 29.2 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).