



STEM Education: Creative Designs and Models

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Message from the Guest Editors

This Special Issue focuses on creative designs and models in STEM education. This involves the principles, processes, and practices of pedagogical designs and development of diverse teaching methods and instructional models. This also involves problem-based learning, project-based learning, inquiry-based learning, art-based learning, online teaching and learning, social emotional learning, diverse methods of active learning, etc. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Theories and concepts for developing creative designs and models;
- Technologies and tools that support processes of teaching and learning;
- Blended and hybrid learning environment design;
- Design methodologies in university teaching and learning;
- Models of continuing professional development;
- Participatory models and students' engagement;
- The link between formal and informal learning environments;
- Evaluation of the creative pedagogical designs and models;
- Designing inclusive and accessible learning experiences and materials;
- Education design for 21st century skills.





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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.

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