

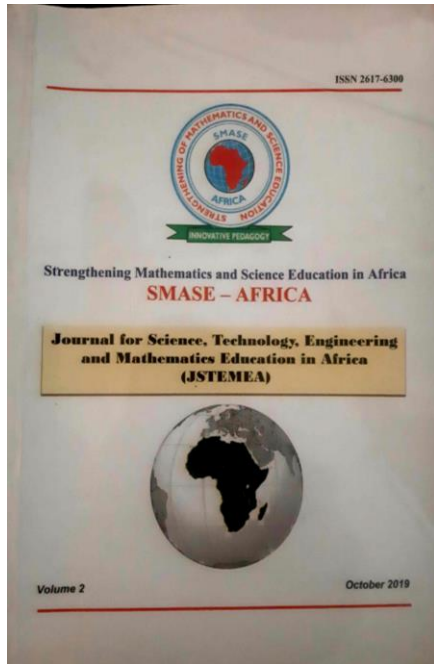
SMASE-Africa publishes the second edition of the Journal for STEM Education in Africa

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The second edition of the journal for Science, Technology, Engineering and Mathematics Education in Africa (JSTEMEA) was published in December 2019 during the 17th Conference on Mathematics, Science and Technology Education in Africa (COMSTEDA 17).



Cover view of JSTEMEA

The journal comprises twenty-eight research (28) papers that were presented at the COMSTEDA 16 in Maun, Botswana and were published with support from SMASE-Africa and the ministry of General Education, Zambia. The focus of the journal is on curriculum, teacher and learner as agents of STEM learning. The publication aims to promote and advance the research and practice in order to improve the knowledge, skills and values in STEM learning environment by way of documenting the proceedings and research papers

The research papers were aligned to four (4) thematic strands as follows:

Strand One: Teacher Professional Development in Africa: Developing knowledge, skills, and values in STEM learning/teaching engagements. Papers focused on how to integrate

knowledge, skills and values in STEM teaching and learning effectively

Strand Two: STEM curriculum Development Implementation and Assessment. From Theory to Innovations. This strand focused on the paradigm shift in curricular and assessments from theory to innovations from meaningful learning experiences

Strand Three: The School Culture and Learning in the STEM Areas. This examined how to create a supportive learning environment.

Strand Four: The role of Professional Associations in the STEM Teaching/learning Environments. The focus was on how professional bodies can help promote STEM Education.

Strand Five: Towards STEM teaching and learning: The use of ICT. The strand focused on the resources for STEM learning and how to promote innovation for STEM knowledge, skills and values in an effective manner.

The Journal is peer-reviewed and bearing the International Standard Serial Number ISSN 2617 - 6300 registered in Paris, France.