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Mathemagical marvels to liven up lessons.

Rogerson, Alan (ed.), The mathematics education for the future project. Proceedings of the 13th international conference 'Mathematics education in a connected world', Catania, Sicily, Italy, September 16–21, 2015. Münster: WTM-Verlag (ISBN 978-3-942197-44-1/pbk; 978-3-942197-86-1/ebook). Conference Proceedings in Mathematics Education 1, 457-460 (2015).

Summary: This will be an interactive and entertaining stroll through a variety of mathematical ideas to spark interest and discussion. Basic number operations, algebra, geometry and probability are explored so a calculator might be useful. Participants will be invited to share their own 'tricks of the trade'.

Classification: A20 D30

Keywords: puzzles; paradoxes; tiling puzzle; combinatorics; mathematical ideas; interest; geometry; probability; number operations; algebra; calculator; magic squares