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Exploring synergies between the teaching of mathematics and modern foreign languages.

Adams, G. (ed.), Proceedings of the British Society for Research into Learning Mathematics (BSRLM). Vol. 34, No. 3. Proceedings of the day conference, University of Leicester, UK, November 8, 2014. London: British Society for Research into Learning Mathematics (BSRLM). 55-60 (2014).

Summary: This study considers whether the pedagogical strategies and techniques conventionally used in modern foreign language (MFL) lessons may be of value in developing mathematical understanding. It aims to explore some of the potential synergies between mathematics and MFL teaching and reports on an intervention with a group of students following a mathematics specialism unit, as part of their BA in primary education. The aim of the taught session described with the student group, was to focus on learning mathematical concepts, related to measurement and scaling, using Spanish as the language for teaching, in order to answer the question: To what extent does the use of a different language medium support the development of understanding of mathematical concepts?

Classification: C50 E40

Keywords: educational research; mathematics and language; modern foreign language teaching; synergies; preschool teacher education; talk; discussion

<http://www.bsrlm.org.uk/IPs/ip34-3/BSRLM-IP-34-3-10.pdf>