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Research on mathematics classroom practice: an international perspective.

Cho, Sung Je (ed.), Selected regular lectures from the 12th international congress on mathematical education, ICME 12, Seoul, Korea, July 8–15, 2012. Cham: Springer (ISBN 978-3-319-17186-9/hbk; 978-3-319-17187-6/ebook). 589-605 (2015).

Summary: Research on Mathematics Classroom Practice encompasses very comprehensive themes and issues that may include any studies and scientific experiments happening inside the classroom, including consideration of the key agents in the classroom (the teachers and the students), undertaken with diversified research objectives and theoretical backgrounds. To a certain extent, seeking an international perspective provides some delineation of the topic. Studies will then focus on those issues already prioritised as of interest by existing international comparative studies and those issues seen as significant within an educational system. This lecture will draw upon the work of an international project, the Learner's Perspective Study (LPS), an international collaboration of 16 countries with the aim of examining in an integrated and comprehensive fashion the patterns of participation in competently taught eighth grade mathematics classrooms.

Classification: C73 D20 D43 C63

Keywords: mathematics classroom practice; cross-culture practice; teaching strategies; learning tasks; student perspective

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