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Improving mathematics instruction through exemplary lesson development in China.

Li, Yeping (ed.) et al., How Chinese teach mathematics and improve teaching. London: Routledge (ISBN 978-0-415-89500-2/hbk; 978-0-415-89601-6/pbk; 978-0-203-11011-9/ebook). Studies in Mathematical Thinking and Learning Series, 186-203 (2013).

Summary: This chapter examines how an expert teacher has made continued improvement over years through participating in exemplary lesson development. The authors find that the teacher has improved his instruction competency in several key areas and identify the factors associated with the teacher learning, such as critical comments from experts, the studying of textbooks and teaching materials, and collaborative teaching experiments and reflections on teaching experiments.

Classification: D30 C70 D40

Keywords: exemplary lesson development; professional development; instructional strategies; effective mathematics instruction