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What does it mean to teach mathematics differently?

Barton, Bill et al., Mathematics education in the South Pacific. Vol. 1 and 2. , (ISBN 0-86869-048-1; 0-86869-053-8; 0-86869-054-6). 61-67 (2002).

In the past decade, many countries called for changes that result in students knowing a 'different' kind of school mathematics. This is due to a changed view of learning that requires different forms of teaching which are only beginning to be understood. In this paper, findings from research in primary maths classes with 'reform-oriented' culture are presented; examples drawn from these classrooms illustrate differences in teaching that influence the mathematics children learn. Two dynamic dimensions derived from this research are presented. (orig.)

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