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Tolle, Penelope P.

Changing classroom instruction: one teacher's perspective.

Math. Teach. (Reston) 108, No. 8, 616-621 (2015).

Summary: This article addresses the struggles teachers face when they attempt to change their teaching style in order to achieve an ideal mathematics classroom. With the implementation of the Common Core State Standards, many of the behaviors associated with an ideal mathematics classroom appear within the Standards for Mathematical Practice, on which students can be assessed and teachers will be held accountable. High school teacher Penelope Tolle uses six principles of quality mathematics instruction based on pre- and post-lesson discussions between Japanese pre-service teachers and their professors to explain how to take the focus off the teacher, and put it where it needs to be – on student engagement with the lesson. (ERIC)

Classification: D40 C70 C29

Keywords: teaching practice; teaching methods; educational standards; educational quality; preservice teachers; teacher educators; engagement; lesson plans; activities; educational changes

<http://www.nctm.org/Publications/mathematics-teacher/2015/Vol108/Issue8/Changing-Classroom-Instruction-One-Teacher-s-Perspective/>