

# Commentary on Teaching and Learning through Mathematical Problem

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The collection of articles during this special issue highlights the importance of downside movement from each teachers' and students' views. Tidy analysis has been conducted across many decades on students' downside movement, because the authors of the articles indicate. In distinction, studies of teachers' information of their students' thinking as they have interaction in mathematical downside movement and their capabilities in movement issues are restricted. This special issue is so a welcome addition to the literature. As a result of analysis on teachers' downside movement has not been prolific, the present articles raise additional problems and queries than they'll answer. I explore a number of these problems during this comment, drawing on each the authors' work and a few external literature [1].

Teaching as a profession needs continuous skilled development. A constitution is that through teacher skilled development, lecturers can modification their tutorial follow by ever-changing their beliefs and information, thereby up student learning. Analysis on the skilled development of lecturers has highlighted the complicated relationships among skilled development, changes in schoolroom instruction, and enhancements in student learning. Reviews of this line of analysis have shown that almost all programs area unit ineffective at transferral regarding changes in teachers' beliefs, knowledge, and tutorial practices. In fact, proof indicates that schoolroom instruction has modified little within the past century[2].

Micro teaching relies on Bandura's social learning theory. Small teaching was initial developed in Stanford University in 1960 as a district of AN experimental program that aimed to extend quality

in teacher coaching. Small teaching practices and analysis of skills used throughout small teaching implementations area unit wide utilized in teacher coaching in European country. If lecturers will model and management the weather of observations, social learning theory can support their practices. During this sense, small teaching is believed to be composed of controlled parts. In step with teach-reteach cycle is extremely vital in small teaching. Small teaching is taken into account as a technique that's largely utilized by teacher coaching establishments and is enclosed among the cluster teaching ways. Small teaching could be a recorded and sensible implementation system that applies the teaching method in controlled conditions which focuses on specific teaching skills of the teacher coaching model supported a scientific approach undertaken with the assistance of teaching tools. These sorts of practices prepare teacher candidates for each teaching practices and also the teaching profession [3].

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