

19/2020

ONLINE INSPERM'S WEEKLY SEMINAR

DATE : 3 JULY 2020 | TIME : 10.15AM MYT (MALAYSIA) 10.15PM CLT (CHILE)
MEDIUM : VIDEO CONFERENCE (GOOGLE MEET)

 <https://meet.google.com/mcv-rbrr-bku>



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Topic : Instructional Beliefs and Problem Solving Practices;
Mathematics Teachers and Chilean Educational Context

ABSTRACT

In this talk, we are presenting a model that describes the relationship between mathematics teachers' practices and their beliefs. This model is designed to examine some predictors of instructional beliefs specifically related to problem solving that influence mathematics in-service teachers' practices in the Chilean context. A total of 713 in-service mathematics teachers from various elementary schools participated in our survey study during 2015 and 2016. Here, we present the results that show how teachers' traditional beliefs can directly explain their teacher-centered practices, while there is an indirect relation among their reformed beliefs and those student-centered practices. We also discuss that how teachers' self-efficacy beliefs and their beliefs about the value of problem solving will be important in this transit. This association among beliefs and practices suggests that educators and policy makers should be aware of, when designing a teacher professional development, the need to emphasize other variables such as teachers' self-efficacy and value of the task.

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