

# WEEK 3: EXPLORING RELATIONSHIPS

The extracts below introduce the main topics being researched and attempt to explain the relationships between them. Read the extracts and answer the questions.

## An Investigation of Prospective Teachers' Attitudes toward Educational Reforms in Turkey

Güler Duman, Gamze Nevra Köroğlu, Arın Kural-Baykan, Selda Yılmaz, and Mehmet Erdoğan

EDUCATIONAL SCIENCES: THEORY & PRACTICE • VOL 14 No.2 • PP. 622-628 (2014)

Turkey has long had the political goal of joining the EU, and the process of pursuing EU membership has been a strong driving force encouraging the country to make educational reforms. These structural and curriculum-based educational reforms have affected virtually all parts of Turkish society. However, among the three central components of education—student, teacher, and curriculum—teachers' adoption of and willingness to implement educational reforms can be considered the most crucial in producing actual change. Moreover, prospective teachers' awareness of educational reforms affecting their field will increase the quality of education in the future.

1. What are the main topics being researched?

2. What is the relationship between/among them?

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3. All of the citations have been removed. Please mark in the text where you think citations would be appropriate.

4. Write an APA reference for this article.

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# WEEK 3: EXPLORING RELATIONSHIPS

## Teacher Beliefs and Intentions Regarding the Implementation of Science Education Reform Strands

Jodi J. Haney, Charlene M. Czerniak, and Andrew T. Lumpe  
JOURNAL OF RESEARCH IN SCIENCE TEACHING VOL. 33, NO. 9, PP. 971-993 (1996)

It is well noted that previous attempts at science reform fell short of successful change because they were not systemic in nature and usually embodied a top-down model of change. Moreover, it is believed that teacher belief systems are significant factors in motivating a change in teaching behavior and that the previous reform efforts largely ignored the influential nature of teacher beliefs on changes in teaching practice. Identifying teacher beliefs and understanding how these beliefs influence teacher behaviors are now issues of particular interest to researchers. In response to the growing interest, several research models were employed to examine human beliefs. Ajzen's Theory of Planned Behavior was found to be an instrumental research tool in identifying science education belief factors influencing both intention and behavior.

1. What are the main topics being researched?

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