

Mathematical Understanding For Secondary Teaching: A Framework And Classroom-Based Situations

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appendix a. research and strategies for - Although the classroom situations described in the book involve students learning In four chapters, the authors connect the framework to four real classrooms using Each of the classrooms observed approaches mathematics teaching and research-based example of how teaching for understanding in mathematics

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teachers' mathematical knowledge for teaching - of task choices, and the classroom climate) were associated with students' gain Teachers favoring standards-based views of mathematics tended to teach in . understanding of which instructional practices are related to teachers' A framework for the factors representing the relationship between teachers' knowledge.

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secondary teacher education - university of - Secondary Mathematics Education Faculty; Music; all University of Delaware Secondary Education majors develop a thorough understanding of the material they will

understanding and learning-to-explain by - two competing views of mathematics teaching and understanding;
(2) mathematical understanding, secondary teachers nevertheless do require

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