

REVEALING TENSIONS BETWEEN CURRICULUM AND TEACHERS' VISIONS  
OF COMMUNITIES OF SCIENCE PRACTICE

By

David J. Groucher

A DISSERTATION

Submitted to  
Michigan State University  
in partial fulfillment of the requirements  
for the degree of

DOCTOR OF PHILOSOPHY

Department of Teacher Education

2008

# Revealing Tensions Between Curriculum And Teachers Visions Of Communities Of Science Practice

**Author :** / **Category :**Uncategorized / **Total Pages :** 182 pages



[Download Revealing Tensions Between Curriculum And Teachers Visions Of Communities Of Science Practice PDF](#)

**Summary :** Free revealing tensions between curriculum and teachers visions of communities of science practice pdf download - this dissertation studies how three middle school teachers used inquiry-based curriculum materials to construct classroom communities of science grounded in sociocultural studies of teachers beliefs knowledge and practices of inquiry-based science this work draws on a sociolinguistic approach to compare and describe teachers and students contributions to science knowledge and inquiry practices in order to empirically explore how teachers commitments and resources shapes the classroom community of practice this study addresses the following questions what did scientific knowledge and practice look like in each classroom what do the teacher student interactions reveal about the social norms and sources of authority in the classroom what were the teachers commitments and resources to science content and practice that influenced their curriculum construction the sites of my research are three middle school classrooms implementing a next generation curriculum materials investigating and questioning the world through science and technology iqwst the study employs interpretive and discourse analytic methods to conduct in depth case studies of three teachers curriculum construction this study shows that three unique hybrid communities of practice result from a mixture of ways in which commitments to purposes of schooling and instructional strategies and personal resources in terms of science content knowledge and pedagogical strategies for distributing participation implications of this dissertation include questions related curriculum design principles and professional development

**Pusblisher :** ProQuest on 2008 / **ISBN :** 9780549838265



[Download Revealing Tensions Between Curriculum And Teachers Visions Of Communities Of Science Practice PDF](#)

# PDF REVEALING TENSIONS BETWEEN CURRICULUM AND TEACHERS VISIONS OF COMMUNITIES OF SCIENCE PRACTICE

**critical alignment in inquiry-based practice in developing ...** - teachers' practice and between the ... study of developments in practice, revealing ... 2.2 collaboration in communities of practice collaboration between ...