Prospective Teachers’ Perceptions, Beliefs, and Dispositions Toward Students’ Family, Community, and Culture

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Theoretical Perspectives

Moll, Amanti, Neff, & Gonzalez, 1992
Gay, 2010
Ladson-Billings, 1994
Moll, Amanti, Neff, & Gonzalez, 1992
Lipka, et al., 2005
Leonard, 2008
Civil, 2007
Moschkovich & Nelson-Barber, 2009
Theoretical Perspectives

Nieto, 2004

Freire, 1998

Delpit, 1995

Nasir, Hand, & Taylor, 2008

Howard, 1999
Using Initial Codes

Developing Refined Categories

Analyzing Family & Community Codes

Emergent Themes

Role of Language and Culture

PSTs as Teachers

Students as Learners

Language

Family and Community

Equity and Social Justice

Students’ Mathematical Thinking

Nature of Mathematics
The Influence of Family and Community on Mathematics Learning

Family Attitudes and Actions

how to raise kids who love math

#STEMchat
The Influence of Family and Community on Mathematics Learning

Comparisons
The Influence of Family and Community on Mathematics Learning

Available Resources
The Influence of Family and Community on Mathematics Learning

Parental Responsibility
Forming Relationships With Families

PSTs as Learners
Forming Relationships With Families

Communication

Dear Parent,

It was good to talk with you at conference. I wanted to share with you some positive news regarding Ann. I am so proud and impressed with the way she conducts herself as a person and as an ambassador for our school. As you may know, her class has gotten 2 new students in the last few weeks. She has taken many measures to show them around the school, introduce herself and pay kindness to those new students. It is very hard to come to a new school at this age, and Ann has gone out of her way to make sure they are comfortable.

We are so lucky to have someone so giving here at our school!
Forming Relationships With Families

Challenges
Drawing on Family and Community Resources in Instruction

Bringing Home and Community Practices Into the Classroom
Drawing on Family and Community Resources in Instruction

Sending Classroom Practices Into the Home
Discussion
The Influence of Family and Community on Mathematics Learning
Discussion
Forming Relationships With Families
Discussion
Drawing on Family and Community Resources in Instruction
Thank you!

For more information
TEACH MATH Website:
http://mathconnect.hs.iastate.edu