

DESCRIPTION CONCEPTUAL FRAMEWORK OBJECTIVES READINGS POLICIES ASSIGNMENTS
SELF-SURVEYS



NCTM Principles are:

Equity
Teaching
Learning
Curriculum
Technology
Assessment



D. Course Readings

Textbook

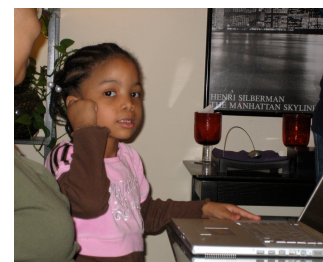
- o National Council of Teachers of Mathematics. **Principles and Standards for School Mathematics (PSSM)**, NCTM, Reston, VA, 2000. [On-Line Book] [To save on the cost of this book and to have access to the journals for journal assignments, it is strongly recommended that you get a \$39.00 Student Membership in NCTM. You can find out about how to purchase this membership by visiting the following websites: <http://www.nctm.org/membership/benefits-student.htm>. Student e-membership allows college students interested in math education to access a world of online resources! Student members have access to the full archives of one NCTM school journal, can download 25 articles per year from other NCTM journals, receive discounted registration for NCTM conferences, and more. Membership is \$39/year.
- o National Council of Teachers of Mathematics, **Curriculum Focal Points for Pre-Kindergarten through Grade 8 Mathematics: A Quest for Coherence (CFP)**. NCTM, Reston, VA 2006 [On-Line Book accessible through NCTM Student Membership].

Journals (Select either of these two journals with your membership, but do so only after you have selected the grade level for the "Family Math Backpack" you will be preparing for this course.)

- o **Teaching Children Mathematics (TCM)**. NCTM, Reston, VA. [On-Line Journal, for grades level Pre-K through 4th, accessible through NCTM Student Membership]
- o **Mathematics Teaching in the Middle School (MTMS)**. NCTM, Reston, VA [On-Line Journal, for grade levels 5th through 8th, accessible through NCTM Student Membership]

Additional Readings

- o Massachusetts Department of Education. **Mathematics Curriculum Frameworks**, Mass DOE, 2000 (Available on the



Internet at www.doe.mass.edu

- Various selections of Children's Literature linked to elementary school mathematic



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