

Math Study Groups

Selected Resources: A Beginning List

February, 2008

Note: The numbers in brackets are the shelf call numbers and item numbers for resources available for check-out in the GWAEA Professional Library.

Allsopp, David H., Kyger, Maggie M., and Lovin, LouAnn H. (2007). *Teaching Mathematics Meaningfully: Solutions for Reaching Struggling Learners*. Paul H. Brookes.

Barnett, Carne S., Goldstrin, Donna, and Jackson, Babette. (1994). *Mathematics Teaching Cases: Fractions, Decimals, Ratios, & Percents: Hard to Teach and Hard to Learn?*. Heinemann.

Barton, Mary Lee. (2002). *Teaching Reading in Mathematics: A Supplement to Teaching Reading in the Content Area: If Not Me, Then Who? 2nd Edition*. McREL. [R 372.7 BAR – 163215]

Bush, William S. (2001). *Mathematics Assessment: Cases and Discussion Questions for Grades K-5*. National Council of Teachers of Mathematics.

Bush, William S. (2000). *Mathematics Assessment: Cases and Discussion Questions for Grades 6-12*. National Council of Teachers of Mathematics.

Chapin, Suzanne. (2003). *Classroom Discussions, Using Math Talk to Help Students Learn: Grades 1-6*. Math Solutions Publications.

Chapin, Suzanne and Johnson, Art. (2000). *Math Matters: Understanding the Math You Teach, Grades K-6*. Math Solutions Publications. [R 372.7 CHA - 168891]

Haylock, Derek and D'Eon, Marcel. (1999). *Helping Low Achievers Succeed at Mathematics, Grades 2-8*. Fitzhenry and Whiteside Limited. [R 372.7 HAY - 169682]

Helping Children Learn Mathematics. (2002). National Academy Press. [R 372.7 HEL - 168951]

How People Learn. (2000). National Academies Press.

How Students Learn Mathematics in the Classroom. (2005). National Academies Press.

Krueger, Alice and Sutton, John. (2002). *EDThoughts: What We Know About Mathematics Teaching and Learning*. McREL. [R 510.71 EDT - 168854]

Leinwand, Steven. (2000). *Sensible Mathematics: A Guide for School Leaders*. Heinemann. [R 510.712 LEI – 161821]

Loucks-Horsley, Susan. (1998). *Designing Professional Development for Teachers of Science and Mathematics*. Corwin Press. [R507.155 DES – 164722]

Ma, Liping. (1999). *Knowing and Teaching Elementary Mathematics: Teacher's Understanding of Fundamental Mathematics in China and the United States*. Lawrence Erlbaum Associates. [R 372.7 MA - 168930]

Mathematics Teaching Today: Professional Standards for Teaching Mathematics, Revision. (2007). National Council of Teachers of Mathematics.

Mokros, Jan, Russell, Susan Jo, and Economopoulos, Karen. (1995). *Beyond Arithmetic: Changing Mathematics in the Elementary Classroom*. Dale Seymour Publications. [R 372.7 MOK - 168855]

Montague, Majorie, and Jitendra, Asha K. (2006). *Teaching Mathematics to Middle School Students with Learning Difficulties*. Guilford Publications, Inc.

Teaching Mathematics Through Problem Solving: Grades 6-12. (2003). NCTM. [R 510.712 TEA – 169681]

Teaching Mathematics Through Problem Solving: PreKindergarten-6. (2003). NCTM. [R 372.7 TEA – 169680]

Sliva, Julie. (2003). *Teaching Inclusive Mathematics to Special Learners, K-6*. Corwin Press. [R 372.7 SLI - 168935]

Stigler, James W. and Heibert, James. (1999). *The Teaching Gap: Best Ideas from the World's Teachers for Improving Education in the Classroom*. Free Press. [R 510.71 STI – 153069]