

Elementary Mathematics Resources

compiled by K. White-Fredette
Griffin RESA

- Bender, W. N. (2005). *Differentiating Math Instruction: Strategies that work for K-8 classrooms*. Thousand Oaks, CA: Corwin Press. ISBN 0-7619-3148-1
- Burns, M., & Tank, B. (2001). *A Collection of Math Lessons: from grades 1 through 3*. Sausalito, CA: Marilyn Burns Education Associates. ISBN 0-941355-01-2
- Burns, M. (2001). *A Collection of Math Lessons: from grades 3 through 6*. Sausalito, CA: Marilyn Burns Education Associates. ISBN 0-941355-00-4
- Burns, M. (2000). *About Teaching Mathematics: a K-8 resource*. Sausalito, CA: Marilyn Burns Education Associates. ISBN 0-941355-25-X
- Burns, M. (1995). *Writing in the Math Class: a resource for grades 2-8*. Sausalito, CA: Marilyn Burns Education Associates. ISBN 0-941355-13-6
- Edge, D., ed. (2000). *Involving Families in Mathematics Education*. Reston, VA: National Council of Teachers of Mathematics. ISBN 0-87353-491-3
- Hechtman, J., & Ellermeyer, D. (1998). *Teaching Math with Favorite Picture Books: grades 1-3*. New York: Scholastic. ISBN 0-590-76250-8
- Murray, M., & Jorgensen, J. (2007). *The Differentiated Math Classroom: a guide for teachers, K-8*. Portsmouth, NH: Heinemann. ISBN 0-325-00996-1
- NCTM. (1999). *Mathematics Assessment: a practical handbook for grades K-2*. Reston, VA: National Council of Teachers of Mathematics.
- NCTM. (1999). *Mathematics Assessment: a practical handbook for grades 3-5*. Reston, VA: National Council of Teachers of Mathematics.
- NCTM. (2005). *Mathematics Assessment Sampler, Grades PreK-2*. Reston, VA: National Council of Teachers of Mathematics.
- NCTM. (2005). *Mathematics Assessment Sampler, Grades 3-5*. Reston, VA: National Council of Teachers of Mathematics. ISBN 0-87353-579-0
- Stenmark, J. K., Thompson, V., & Cossey, R. (1986). *Family Math*. Berkeley, CA: Equals Publications. ISBN 0-912511-06-0
- Van de Walle, J. A., & Lovin, L. H. (2006). *Teaching student-centered mathematics: grades K-3*. Boston, MA: Pearson Education, Inc. ISBN 0-205-40843-5

- Van de Walle, J. A., & Lovin, L. H. (2006). *Teaching student-centered mathematics: grades 3-5*. Boston, MA: Pearson Education, Inc. ISBN 0-205-40844-3
- Welchman-Tischler, R. (2006). *How to Use Children's Literature to Teach Mathematics*. Reston, VA: National Council of Teachers of Mathematics. ISBN 0-87353-349-6
- Zike, D. (2005). *Dinah Zike's Big Book of Elementary Math K-6*. San Antonio, TX: Dinah-Might Adventures, LP. ISBN 1-882796-22-5

Navigation Series

The *Navigations Series* may be purchased through NCTM (www.nctm.org). These books include detailed tasks for all grade levels and content strands, and a CD with blackline masters and additional readings. The following books are currently available for elementary level mathematics:

Algebra

- *Navigating through Algebra in Prekindergarten-Grade 2*
- *Navigating through Algebra in Grades 3-5*

Data Analysis and Probability

- *Navigating through Data Analysis and Probability in Prekindergarten-Grade 2*
- *Navigating through Data Analysis and Probability in Grades 3-5*

Discrete Mathematics (new!)

- *Navigating through Discrete Mathematics in Prekindergarten-Grade 5*

Geometry

- *Navigating through Geometry in Prekindergarten-Grade 2*
- *Navigating through Geometry in Grades 3-5*

Number and Operations

- *Navigating through Number and Operations in Prekindergarten-Grade 2*
- *Navigating through Number and Operations in Grades 3-5*

Measurement

- *Navigating through Measurement in Prekindergarten-Grade 2*
- *Navigating through Measurement in Grades 3-5*

Problem Solving and Reasoning (covering all standards):

- *Navigating through Problem Solving and Reasoning in Prekindergarten-Kindergarten*
- *Navigating through Problem Solving and Reasoning in Grade 1*
- *Navigating through Problem Solving and Reasoning in Grade 2*
- *Navigating through Problem Solving and Reasoning in Grade 3*
- *Navigating through Problem Solving and Reasoning in Grade 4*
- *Navigating through Problem Solving and Reasoning in Grade 5*

Journals

- *Mathematics Teaching Children Mathematics*, NCTM publication
- *Instructor Magazine*, New York, NY: Scholastic Publications - this Scholastic publication includes a regular question and answer section on elementary mathematics by Marilyn Burns

Other Resource Materials

Take It To Your Seat Math Centers series (Evans-Moor publisher):

- *Grades K-1* (ISBN 1557999317)
- *Grades 2-3* (ISBN 1557999783)
- *Grades 1-3* (ISBN 1557998531)
- *Grades 4-6* (ISBN 1557998523)

Nimble with Numbers series (Dale Seymour Publications @

<http://www.pearsonlearning.com/nimble/>)

- *Grades 1-2* (ISBN 0-7690-2721-0)
- *Grades 2-3* (ISBN 0-7690-2722-9)
- *Grades 3-4* (ISBN 0-7690-2723-7)
- *Grades 4-5* (ISBN 0-7690-2719-9)

Super Source Resource Library

(available at ETA Web site <http://www.etauisenaire.com/>)

21 activity books available separately or together on a CD-ROM