

Implementation Bibliography

- Aaron, D. (1993). *Classroom implementation and impact of Everyday Mathematics K-3: Teachers' perspectives on adopting a reform mathematics curriculum*. Chicago: UCSMP.
- Baxter, J. A., Woodward, J., & Olson, D. (2001). Effects of reform-based mathematics instruction on low achievers in five third-grade classrooms. *Elementary School Journal*, 101(5), 529-547.
- Briars, D. J., & Resnick, L. B. (2000). Standards, assessment--and what else? The essential elements of standards based school improvement. Retrieved 9/20/08, from <http://www.cse.ucla.edu/products/Reports/TECH528.pdf>
- Carroll, W. M. (1995). *Report on the field test of Fifth Grade Everyday Mathematics*. Chicago: University of Chicago School Mathematics Project Elementary Component.
- Carroll, W. M. (1996a). *A follow-up to the fifth-grade field test of Everyday Mathematics: Geometry and mental and written computation*. Chicago: University of Chicago School Mathematics Project Elementary Component.
- Carroll, W. M. (1996b). Students in a reform mathematics curriculum: Performance on the 1993 third grade IGAP. *Illinois School Research and Development Journal*, 33(1).
- Carroll, W. M. (1996c). Use of invented algorithms by second graders in a reform mathematics curriculum. *Journal of Mathematical Behavior*, 15(2), 137-150.
- Carroll, W. M. (1997). Results of third-grade students in a reform curriculum on the Illinois state mathematics test. *Journal for Research in Mathematics Education*, 28(2), 237-242.
- Carroll, W. M. (1998a). Geometric knowledge of middle school students in a reform-based mathematics curriculum. *School Science and Mathematics*, 98(4), 188-197.
- Carroll, W. M. (1998b). Middle school students' reasoning about geometric situations. *Mathematics Teaching in the Middle School*, 3(6), 398-403.
- Carroll, W. M. (1998c). Polygon Capture: A geometry game. *Mathematics Teaching in the Middle School*, 4(2), 90-94.
- Carroll, W. M. (1999). *Achievement results for fourth graders using the standards-based curriculum Everyday Mathematics*. Unpublished manuscript.
- Carroll, W. M. (2000). *A longitudinal study of children in the Everyday Mathematics curriculum*. Chicago: USCMP.
- Carroll, W. M. (2001a). *A longitudinal study of children in the Everyday Mathematics curriculum*. Unpublished manuscript.
- Carroll, W. M. (2001b). Students in a Standards-based mathematics curriculum: Performance on the 1999 Illinois State Achievement Test. *Illinois Mathematics Teacher*, 52(1), 3-7.
- Carroll, W. M., & Fuson, K. (1998). *A comparison of Everyday Mathematics (EM) and McMillan (MC) on Evanston student performance on whole-class tests: Recommendations for revision of Everyday Mathematics Grades 1, 2, 3, and 4*. Evanston, IL: Northwestern University.
- Carroll, W. M., & Issacs, A. C. (2003). Achievement of students using the University of Chicago School Mathematics Project's *Everyday Mathematics*. In S. Senk & D. Thompson (Eds.), *Standards-based school mathematics curricula: What are they? What do students learn?* (pp. 9-22). Mahwah, NJ: Erlbaum.
- Carroll, W. M., & Porter, D. (1994). *Summary report: A field test of Fourth Grade Everyday Mathematics*. Chicago: University of Chicago School Mathematics Project Elementary Component.



Implementation Bibliography

- Cobb, P., Wood, T., Yackel, E., Nicholls, J., Wheatley, G., Trigatti, B., et al. (1991). Assessment of a problem-centered second-grade mathematics project. *Journal for Research in Mathematics Education*, 22(1), 3-29.
- Ding, D. (1997). *Classroom discourse in second-grade reform mathematics classrooms*. Unpublished Master's Thesis, Northwestern University, Evanston, IL.
- Drake, C. (2006). *Using teacher narrative to understand teachers' uses of curriculum materials*. Paper presented at the 7th International Conference on Learning Sciences, Bloomington, Indiana.
- Drueck, J. V. (1996). *Progression of multi-digit addition and subtraction solution methods in high-, average-, and low-math-achieving second graders experiencing a reform curriculum*. Paper presented at the American Educational Research Association.
- Drueck, J. V., Fuson, K., Carroll, W. M., & Bell, M. S. (1995). *Performance of U.S. first graders in a reform math curriculum compared to Japanese, Chinese, and traditionally taught U.S. students*. Paper presented at the American Education Research Association.
- Everyday Learning Corporation. (1996). *Everyday Mathematics: Student achievement studies*. Chicago: Everyday Learning Corporation.
- Everyday Learning Corporation. (1998). *Everyday Mathematics: Student achievement studies*. Chicago: Everyday Learning Corporation.
- Everyday Learning Corporation. (2001). *Student performance on the Illinois Standards Achievement Test*. Chicago: Everyday Learning Corporation.
- Fraivillig, J. L. (1996). *Case studies and instructional frameworks of expert reform mathematics teaching* (Doctoral Dissertation, Northwestern University): *Dissertation Abstracts International*, 57(06), 2400.
- Fraivillig, J. L. (2001). Strategies for advancing children's mathematical thinking. *Teaching Children Mathematics*, 7(8), 454-459.
- Fraivillig, J. L., Murphy, L., & Fuson, K. C. (1999). Advancing children's mathematical thinking in *Everyday Mathematics* classrooms. *Journal for Research in Mathematics Education*, 30(2), 148-170.
- Fuson, K. (1997). What do we see in *Everyday Mathematics* classrooms? *TeacherLink*, 5, 1-2.
- Fuson, K. C., Carroll, W. M., & Drueck, J. V. (2000). Achievement results for second and third graders using the Standards-based curriculum *Everyday Mathematics*. *Journal for Research in Mathematics Education*, 31(3), 277-295.
- Hawkes, M., Kimmelman, P., & Kroeze, D. (1997). Becoming 'first in the world' in math and science. *Phi Delta Kappan*, 79(1), 30-33.
- Hedges, L. V., & Stodolsky, S. S. (1988). *A follow-up of Kindergarten Everyday Mathematics users* (No. Evaluation report 87/88-KEM-2). Chicago: University of Chicago School Mathematics Project.
- Hedges, L. V., Stodolsky, S. S., & Mathison, S. (1987). *A formative evaluation of Kindergarten Everyday Mathematics* (No. Evaluation report 86/87-KEM-1). Chicago: University of Chicago School Mathematics Project.
- Hickey, D. T., Moore, A. L., & Pellegrino, J. W. (2001). The motivational and academic consequences of elementary mathematics environments: Do constructivist innovations and reforms make a difference? *American Educational Research Journal*, 38(3), 611-652.

Implementation Bibliography

- Kalathil, R. R. (2006a). *Characterizing the nature of discourse in mathematics classrooms*. Paper presented at the 7th International Conference on Learning Sciences, Bloomington, Indiana.
- Kalathil, R. R. (2006b). *Using comparisons of alternate strategies to promote discourse in mathematics classrooms*. Paper presented at the 7th International Conference on Learning Sciences, Bloomington, Indiana.
- Kroeze, D. J., Johnson, D. P., & Zalewski, E. (1997). *Achieving excellence: A report of initial findings of eighth grade performance from the Third International Mathematics and Science Study: First in the World Coalition*. Retrieved 09/20/08, from <http://www.ed.gov/pubs/FirstLook/What.html>
- Mathematics Evaluation Committee of the Hopewell Valley Regional School District. (1997). *Mathematics evaluation report: Year two*. Pennington, NJ: Hopewell Valley Regional School District.
- McCaffrey, D. F., Hamilton, L. S., Stecher, B. M., Klein, S. P., Bugliari, D., & Robyn, A. (2001). Interactions among instructional practices, curriculum, and student achievement: The case of standards-based high school mathematics. *Journal for Research in Mathematics Education*, 32(5), 493-517.
- Murphy, L. (1998). *Learning and affective issues among higher- and lower-achieving thirdgrade students in math reform classrooms: Perspectives of children, parents, and teachers*. Unpublished Dissertation, Northwestern University, Evanston, IL.
- Northwestern University Longitudinal Study of Everyday Mathematics. (1998a). *Fourth-grade feedback on specific lessons*. Evanston, IL: Northwestern University.
- Northwestern University Longitudinal Study of Everyday Mathematics. (1998b). *Suggestions for the revision of Fourth Grade Everyday Mathematics*. Evanston, IL: Northwestern University.
- Northwestern University Longitudinal Study of Everyday Mathematics. (undated-a). *Suggestions for the revision of Fifth-Grade Everyday Mathematics*. Evanston, IL: Northwestern University.
- Northwestern University Longitudinal Study of Everyday Mathematics. (undated-b). *Summary report: Recommendations for revisions of Everyday Mathematics: Lessons learned from observations*. Evanston, IL: Northwestern University.
- Northwestern University Longitudinal Study of *Everyday Mathematics*. (undated, received 3/25/99). *Draft 4EM results*. Evanston, IL: Northwestern University.
- NRC, National Research Council. (2004). *On evaluating curricular effectiveness: Judging the quality of K-12 mathematics evaluations*. Washington, DC: Mathematical Science Education Board, Center for Education.
- Piburn, M. D., & Sawada, D. (2000). *Reformed teaching observation protocol (RTOP): Reference manual* (ACEPT Technical Report No. IN00-3). Tempe, AZ.
- Riordan, J. E., & Noyce, P. E. (2001). Impact of two standards-based mathematics curricula on student achievement in Massachusetts. *Journal for Research in Mathematics Education*, 32(4), 368-398.
- Sawada, D., Piburn, M. D., Judson, E., Turley, J., Falconer, K., Benford, R., et al. (2000). *The reform teaching observation protocol (RTOP)* (Technical Report No. IN00-1). Tempe, AZ: Arizona State University.
- Sawada, D., Piburn, M. D., Judson, E., Turley, J., Falconer, K., Benford, R., et al. (2002). Measuring reform practices in science and mathematics classrooms: The reform teaching observation protocol. *School Science and Mathematics*, 102(6), 245-254.



Implementation Bibliography

- Sawada, D., Piburn, M. D., Turley, J., Falconer, K., Benford, R., & Judson, E. (2000). *Reformed teaching observation protocol (RTOP) training guide* (ACEPT Technical Report No. IN00-2). Tempe, AZ: Arizona State University.
- Sconiers, S., Issacs, A. C., Higgins, T., McBride, J., & Kelso, C. R. (2003). *The ARC Center tristate student achievement study*. Lexington, MA: The Consortium for Mathematics and Its Applications.
- Simon, M. A., & Schifter, D. (1993). Toward a constructivist perspective: The impact of a mathematics teacher inservice program on students. *Educational Studies in Mathematics*, 25(4), 331-340.
- Simon, M. A., & Tzur, R. (1999). Explicating the teacher's perspective from the researchers' perspectives: Generating accounts of mathematics teachers' practice. *Journal for Research in Mathematics Education*, 30(3), 252-264.
- SRA/McGraw-Hill. (2001). *Everyday Mathematics student achievement studies: Volume 3*. Chicago: SRA/McGraw-Hill.
- SRA/McGraw-Hill. (2003). *Everyday Mathematics student achievement studies: Volume 4*. Chicago: SRA/McGraw-Hill.
- Tarr, J., E., Reys, R. E., Reys, B. J., Chavez, O., Shih, J., & Osterlind, S. J. (2008). The impact of middle grades mathematics curricula and the classroom learning environment on student achievement. *Journal for Research in Mathematics Education*, 39(3), 247-280.
- Thompson, A. G. (1984). The relationship of teachers' conceptions of mathematics and mathematics teaching to instructional practice. *Educational Studies in Mathematics*, 15(2), 105-127.
- Treisman, U. (1992). Studying students studying calculus: A look at the lives of minority mathematics students in college. *The College Mathematics Journal*, 23(5), 362-372.
- Waite, R. D. (2000). *A study of the effects of Everyday Mathematics on student achievement of third-, fourth-, and fifth-grade students in a large North Texas Urban School District*. Ann Arbor, MI: UMI.
- Woodward, J., & Baxter, J. A. (1997). The effects of an innovative approach to mathematics on academically low-achieving students in inclusive settings. *Exceptional Children*, 63(3), 373-388.

