

References

- Aduba, N. (2006). *JUMP mathematics: Lambeth Pilot Programme*. Retrieved February 17th, 2014, from <http://jumpmath.org/cms/sites/default/files/JUMP%20Lambeth%202006.pdf>.
- Aduba, N. (2007). *JUMP mathematics in Lambeth: Evaluation and impact on KS2 national tests*. Retrieved February 17th, 2014, from <http://jumpmath.org/cms/sites/default/files/JUMP%20Lambeth%202007.pdf>
- Aduba, N. (2009). *JUMP mathematics in Lambeth: Impact on KS2 national tests 2009*. Retrieved February 17th, 2014, from <http://jumpmath.org/cms/sites/default/files/The%20Impact%20of%20JUMP%20Math%20in%20England%20-%20Lambeth%202009.pdf>.
- Biswas Mellamphy, N. (2004). *JUMP for joy! The impact of JUMP on student math confidence: A report on research findings 2003-2004*. Retrieved August 25th, 2014, from <https://jumpmath.org/cms/sites/default/files/JUMP%20for%20Joy!%20Study%202004.pdf>.
- Bloom, H.S. (1995). 'Minimum detectable effects: A simple way to report the statistical power of experimental designs'. *Evaluation Review*, 19, 5, 547-556.
- Charalambous, C., Delaney, S., Hsu, H., & Mesa, V. (2010). A comparative analysis of the addition and subtraction of fractions in textbooks from three countries. *Mathematical Thinking and Learning*, 12, 117-151.
- Cooper, H., Nye, B., Charlton, K., Lindsay, J., & Greathouse, S. (1996). The effects of summer vacation on achievement test scores: A narrative and meta-analytic review. *Review of Educational Research*, 66 (3), 227-268.
- Cosgrove, J. (2005). *Issues in the interpretation of PISA in Ireland: A study of the content and design of PISA with comparative analyses of the Junior Certificate Examinations and TIMSS*. PhD diss., National University of Ireland.
- Delaney, S. (2012). A validation study of the use of mathematical knowledge for teaching measures in Ireland. *ZDM International Journal on Mathematics Education*, 44, 427-441.
- Delaney, S., Ball, D., Hill, H.C., Schilling, S.G., & Zopf, D. (2008). "Mathematical knowledge for teaching": Adapting U.S. measures for use in Ireland. *Journal of Mathematics Teacher Education*, 11, 171-197.
- DES (Department of Education and Skills). (2011). *Literacy and numeracy for learning and life: The national strategy to improve literacy and numeracy among children and young people 2011-2020*. Dublin: Author.
- Eivers, E. & Clerkin, A. (2012). *PIRLS & TIMSS 2011: Reading, mathematics and science outcomes for Ireland*. Dublin: Educational Research Centre.
- Eivers, E., Close, S., Shiel, G., Millar, D., Clerkin, A., Gilleece, L., & Kiniry, J. (2010). *The 2009 National Assessments of Mathematics and English Reading*. Dublin: Department of Education and Skills.

-
- Garet, M., Porter, A., Desimone, L., Birman, B., & Yoon, K. (2001). What makes professional development effective? Results from a national sample of teachers. *American Educational Research Journal*, 38 (4), 915-945.
- Garforth, K.C. (2013). *JUMP Math in a Grade Four classroom*. MA diss, University of British Columbia.
- Guskey, T. & Yoon, K. (2009). What works in professional development? *Phi Delta Kappan*, 90 (7), 495-500.
- Hill, H.C., Schilling, S.G., & Ball, D.L. (2004). Developing measures of teachers' mathematics knowledge for teaching. *The Elementary School Journal*, 105, 11-30.
- Hughes, K. (2004). *The effects of the JUMP program on elementary students' math confidence*. MA diss, University of Toronto.
- Hutchinson, D. and Styles, B. (2010). *A guide to running randomised controlled trials for educational researchers*. Slough: NFER.
- Kirk, R.E. (1968). *Experimental design: Procedures for the behavioral sciences*. Belmont, CA: Brooks/Cole.
- Learning Mathematics for Teaching Project (2011). Measuring the mathematical quality of instruction. *Journal of Mathematics Teacher Education*, 14, 25-47.
- Lewis, M. & Archer, P. (2013). Features of policy and provision. In E. Eivers & A. Clerkin (Eds.). *National Schools, international contexts: Beyond the PIRLS and TIMSS test results* (pp. 13-31). Dublin: Educational Research Centre.
- Maciejewski, W. (2012). A college-level foundational mathematics course: evaluation, challenges, and future directions. *Adults Learning Mathematics: An International Journal*, 7 (1), 20-31.
- Mesa, V. (2004). Characterizing practices associated with functions in middle school textbooks: An empirical approach. *Educational Studies in Mathematics*, 56, 255-286.
- Mighton, J. (2003). *The myth of ability: Nurturing mathematical talent in every child*. New York: Walker & Company.
- Mighton, J. (2007). *The end of ignorance: Multiplying our human potential*. Toronto: A.A. Knopf.
- Mighton, J. (2013a). *Confidence Building Unit: Fractions Challenge – Level C, D. JUMP Math teacher's manual, second edition*. Toronto: JUMP Math.
- Mighton, J. (2013b). *JUMP Math: Fractions Challenge, Level C*. Toronto: JUMP Math.
- Mighton, J. (2013c). For the love of math. *Scientific American Mind*, 24 (4), 60-67.
- Mighton, J., Sabourin, S., & Klebanov, A. (2009). *JUMP Math, book 3 (parts 3.1 and 3.2)*. Toronto: JUMP Math.
- Mighton, J., Sabourin, S., & Klebanov, A. (2010). *JUMP Math teacher's guide: workbook 3 (parts 3.1 and 3.2)*. Toronto: JUMP Math.
- Mullis, I.V.S., Martin, M.O., Foy, P., & Arora, A. (2012). *TIMSS 2011 international results in mathematics*. Chestnut Hill, MA: TIMSS & PIRLS International Study Center, Boston College.

-
- Murray, B. (2013). *Increased math achievement in Grade 3 and 6 students participating in JUMP Math's 2011-12 National Book Fund Program*. Retrieved August 25th, 2014, from [http://www.jumpmath.org/cms/sites/default/files/Student%20Achievement%20From%202011-12%20JUMP%20Math%20Book%20Fund%20\(2013\).pdf](http://www.jumpmath.org/cms/sites/default/files/Student%20Achievement%20From%202011-12%20JUMP%20Math%20Book%20Fund%20(2013).pdf).
- National Council for Curriculum and Assessment (undated). *Specifications for publishers: Mathematics*. Dublin: Author.
- National Council for Curriculum and Assessment (NCCA) & Department of Education and Skills (1999). *Mathematics curriculum*. Dublin: The Stationery Office.
- Pacific Institute for the Mathematical Sciences (2011). *PIMS and mathematics education in British Columbia*. Vancouver, BC: Dubiel, M.
- Remillard, J.T. (2005). Examining key concepts in research on teachers' use of mathematics curricula. *Review of Educational Research*, 75, 211-246.
- Shiel, G., Surgenor, P., Close, S., & Millar, D. (2006). *The 2004 National Assessment of Mathematics Achievement*. Dublin: Educational Research Centre.
- Stein, M.K., Smith, M.S., Henningsen, M., & Silver, E.A. (2000). *Implementing standards-based mathematics instruction: a casebook for professional development*. New York: Teachers College Press.
- Solomon, T., Martinussen, R., Dupuis, A., Gervan, S., Chaban, P., Tannock, R., Ferguson, B. (2011). *Investigation of a Cognitive Science Based Approach to Mathematics Instruction*, peer-reviewed data presented at the Society for Research in Child Development Biennial Meeting, Montreal, March 31 - April 2, 2011.
- Tarr, E.J., Reys, R.E., Reys, B.J., Chávez, 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.

