

Extending mathematical understanding and pedagogy (Semester 1 and 2)

View Online



Askew, Mike. *A Practical Guide to Transforming Primary Mathematics: Activities and Tasks That Really Work*. London: Routledge, Taylor & Francis Group, 2016. Print.

---. 'The Contribution of Professional Development to Effectiveness in the Teaching of Numeracy'. *Teacher Development* 1.3 (1997): 335–356. Web.

---. *Transforming Primary Mathematics: Understanding Classroom Tasks, Tools and Talk*. Updated and revised edition. London: Routledge, 2016. Web.
<<https://www-taylorfrancis-com.oxfordbrookes.idm.oclc.org/books/mono/10.4324/9781315667256/transforming-primary-mathematics-mike-askew>>.

Barmby, Patrick. *Primary Mathematics: Teaching for Understanding*. Maidenhead: Open University Press, 2009. Print.

Barmby, Patrick, Bolden, David, and Thompson, Lynn. *Understanding and Enriching Problem Solving in Primary Mathematics*. *Critical teaching*. St Albans: Critical Publishing, 2014. Print.

Barwell, Richard. *Multilingualism in Mathematics Classrooms: Global Perspectives*. *Bilingual education&bilingualism*. Bristol: Multilingual Matters, 2009. Web.
<<https://ebookcentral-proquest-com.oxfordbrookes.idm.oclc.org/lib/brookes/detail.action?dclid=543897>>.

'BBC - Schools Ages 4-11 - Numeracy Sites'. N.p., n.d. Print.

Bird, Ronit. *The Dyscalculia Toolkit: Supporting Learning Difficulties in Maths*. 3rd edition. London: Sage Publications, 2017. Print.

Boaler, Jo, and Jo Boaler. *The Elephant in the Classroom: Helping Children Learn and Love Maths*. Revised and updated paperback edition. London: Souvenir Press Ltd, 2015. Print.

Briggs, Mary, and Sue Davis. *Creative Teaching: Mathematics in the Primary Classroom*. Second edition. London: Routledge, 2015. Web.
<<https://oxfordbrookes.on.worldcat.org/oclc/891658083>>.

Chinn, Stephen J. *The Trouble with Maths: A Practical Guide to Helping Learners with Numeracy Difficulties*. Fourth edition. Abingdon, Oxon: Routledge, Taylor & Francis Group, 2021. Web.
<<https://www-taylorfrancis-com.oxfordbrookes.idm.oclc.org/books/mono/10.4324/9781003017714/trouble-maths-steve-chinn>>.

Cockburn, Anne, and G. H. Littler. *Mathematical Misconceptions: A Guide for Primary Teachers*. London: SAGE, 2008. Print.

Cotton, Tony. *Understanding and Teaching: Primary Mathematics*. Fourth edition. Abingdon: Routledge, 2021. Print.

Cross, Alan, and Alison Borthwick. *Connecting Primary Maths & Science: A Practical Approach*. London: Open University Press, 2016. Print.

Dowker, Ann. *Mathematical Difficulties: Psychology and Intervention*. Educational psychology series. London: Academic Press, 2008. Print.

'Educational Studies in Mathematics'. n. pag. Web. <<https://oxfordbrookes.on.worldcat.org/oclc/41559484>>.

English, Richard. *Maths and ICT in the Primary School: A Creative Approach*. London: David Fulton, 2006. Print.

'For the Learning of Mathematics: An International Journal of Mathematics Education'. n. pag. Web. <<https://oxfordbrookes.on.worldcat.org/oclc/7805838>>.

Hansen, Alice, ed. *Children's Errors in Mathematics*. Fifth edition. London: Learning Matters, 2020. Print.

Hansen, Alice and Vaukins, Diane. *Primary Mathematics across the Curriculum*. 2nd ed. Transforming primary QTS. London: Learning Matters, 2012. Print.

Haylock, Derek, and Anne Cockburn. *Understanding Mathematics for Young Children: A Guide for Teachers of Children 3-7*. 5th edition. London: SAGE, 2017. Print.

'IEJME-Mathematics Education'. n. pag. Web. <<https://www.iejme.com/?p=113>>.

'International Journal for Mathematics Teaching and Learning'. n. pag. Web. <<https://www.cimt.org.uk/ijmtl/index.php/IJMTL/issue/view/10>>.

Jackson, Elizabeth. *Reflective Primary Mathematics: A Guide for Student Teachers*. Los Angeles: SAGE, 2015. Print.

Jain, Pinky, and Rosalyn Hyde, eds. *Myths and Legends of Mastery in the Mathematics Curriculum*. London: Learning Matters, 2019. Print.

Jenny Eather. 'A Maths Dictionary for Kids'. N.p., 2014. Print.

Koshy, Valsa. *Teaching Mathematics to Able Children*. London: David Fulton, 2001. Web. <<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780203065198&uid=^u>>.

Maloney, Erin A., and Sian L. Beilock. 'Math Anxiety: Who Has It, Why It Develops, and How to Guard against It'. *Trends in Cognitive Sciences* 16.8 (2012): 404-406. Web.

Mason, John, Leone Burton, and Kaye Stacey. *Thinking Mathematically*. 2nd ed. Harlow:

Prentice Hall, 2010. Web.

<<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780273728924&uid=^u>>.

'Mathematics in School'. n. pag. Print.

'Mathematics Teaching'. n. pag. Web.

<<https://oxfordbrookes.on.worldcat.org/oclc/60618574>>.

'Mathematics Teaching and Learning Support [] ATM'. N.p., n.d. Print.

McAteer, Mary (Ed). Improving Primary Mathematics Teaching and Learning. Ed. McAteer, Mary. Maidenhead: McGraw Hill Open University Press, 2012. Web.

<<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335246779&uid=^u>>.

McGrath, Caroline. Supporting Early Mathematical Development: Practical Approaches to Play-Based Learning. London: Routledge, 2010. Print.

Montague-Smith, Ann et al. Mathematics in Early Years Education. Fourth edition. London: Routledge, 2018. Web.

<<https://oxfordbrookes.idm.oclc.org/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=nlebk&AN=1602227&site=ehost-live>>.

Mooney, Claire et al. Primary Mathematics: Teaching Theory and Practice. 8th edition. London: Learning Matters, an imprint of SAGE Publications, 2018. Print.

National Association of Mathematics Advisers. 'Five Myths of Mastery in Mathematics'. 2015. Web.

<<http://www.nama.org.uk/Downloads/Five%20Myths%20about%20Mathematics%20Mastery.pdf>>.

'National Centre for Excellence in the Teaching of Mathematics - NCETM'. N.p., n.d. Print.

National Council of Teachers of Mathematics. 'Journal for Research in Mathematics Education'. (1970): n. pag. Print.

Newell, Robert. Big Ideas in Primary Mathematics. Second edition. London: SAGE Publications Ltd, 2021. Print.

---. Big Ideas in Primary Mathematics. Second edition. London: SAGE Publications Ltd, 2021. Print.

'NRICH'. N.p., n.d. Print.

Ofsted. 'Learning Outside the Classroom: How Far Should You Go?' 2008. Web.

<<http://dera.ioe.ac.uk/id/eprint/9253>>.

Oh, Brandon. Maths - No Problem!: Singapore Maths English National Curriculum 2014, Workbook 6A. Tunbridge Wells, UK: Maths - No Problem, 2015. Print.

Oh, Brandon, Ban Har Yeap, and Anne Hermanson. Maths - No Problem!: Singapore Maths

English National Curriculum 2014, 6B: Workbook. Tunbridge Wells, UK: Maths - No Problem, 2016. Print.

---. Maths - No Problem!: Singapore Maths English National Curriculum 2014, Workbook 2A. Tunbridge Wells, UK: Maths - No Problem, 2017. Print.

---. Maths - No Problem!: Singapore Maths English National Curriculum 2014, Workbook 2B. Tunbridge Wells, UK: Maths - No Problem, 2015. Print.

Patrick Barmby et al. 'Developing the Use of Visual Representations in the Primary Classroom'. 2013. Web.

<<http://www.nuffieldfoundation.org/sites/default/files/files/Developing%20the%20use%20of%20visual%20representations%20in%20the%20primary%20classroom%2013Jun13.pdf>>.

Pound, Linda, and Trisha Lee. Teaching Mathematics Creatively. Third edition. Abingdon, Oxon: Routledge, Taylor & Francis Group, 2022. Print.

Rickard, Caroline. Essential Primary Mathematics. Maidenhead, Berkshire: Open University Press, 2013. Web.

<<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780335247035&uid=^u>>.

Rowland, Tim. 'Chapter 2- Knowledge for Teaching Mathematics'. Developing Primary Mathematics Teaching: Reflecting on Practice with the Knowledge Quartet. London: Sage Publications, 2009. 18–40. Web.

<<https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching/n2.xml>>.

---. 'Chapter 3: Transformation: Using and Understanding Representations in Mathematical Teaching'. Developing Primary Mathematics Teaching: Reflecting on Practice with the Knowledge Quartet. London: Sage Publications, 2009. 41–66. Web.

<<https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching/n3.xml>>.

---. 'Chapter 5: Making Connections in Mathematics Teaching'. Developing Primary Mathematics Teaching: Reflecting on Practice with the Knowledge Quartet. London: Sage Publications, 2009. 101–124. Web.

<<https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching/n5.xml>>.

---. 'Chapter 6: Contingency: Tales of the Unexpected!' Developing Primary Mathematics Teaching: Reflecting on Practice with the Knowledge Quartet. London: Sage Publications, 2009. 123–151. Web.

<<https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching/n6.xml>>.

---. 'Chapter 7: Foundation Knowledge for Teaching Mathematics'. Developing Primary Mathematics Teaching: Reflecting on Practice with the Knowledge Quartet. London: Sage Publications, 2009. 152–195. Web.

<<https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching/n7.xml>>.

cs-teaching/n7.xml>.

---. Developing Primary Mathematics Teaching: Reflecting on Practice with the Knowledge Quartet. London: SAGE, 2009. Web.

<<https://sk-sagepub-com.oxfordbrookes.idm.oclc.org/books/developing-primary-mathematics-teaching>>.

Skemp, Richard R. Mathematics in the Primary School. Subjects in the primary school. London: Routledge, 1989. Web.

<<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9780203403891&uid=^u>>.

Sousa, David A. How the Brain Learns Mathematics. Second edition. Thousand Oaks: Corwin, 2015. Print.

Street, Brian V. et al. Navigating Numeracies: Home/School Numeracy Practices. Multiple perspectives on attainment in numeracy. [Dordrecht: Springer, 2008. Web.

<<https://oxfordbrookes.idm.oclc.org/login?url=http://www.vlebooks.com/vleweb/product/openreader?id=OxfBrookes&isbn=9781402036774&uid=^u>>.

'The Journal of Mathematical Behavior'. n. pag. Web.

<<https://oxfordbrookes.on.worldcat.org/oclc/223025400>>.

'The Mathematical Association'. N.p., n.d. Print.

Thompson, Ian. Issues in Teaching Numeracy in Primary Schools. Maidenhead: McGraw Hill Open University Press, 2010. Print.

Turner, Sylvia. Teaching Primary Mathematics. London: SAGE, 2013. Print.

Turner, Sylvia and McCullough, Judith. Making Connections in Primary Mathematics: A Practical Guide. London: David Fulton, 2004. Print.

Yeap, Ban Har, Anne Hermanson, et al. Maths - No Problem!: Singapore Maths English National Curriculum 2014, Textbook 2A. Tunbridge Wells, UK: Maths - No Problem, 2016. Print.

Yeap, Ban Har, Pui Yee Foong, et al. Maths - No Problem!: Singapore Maths English National Curriculum 2014, Textbook 2B. Tunbridge Wells, UK: Maths - No Problem, 2015. Print.

Yeap, Ban Har, and Anne Hermanson. Maths - No Problem!: Singapore Maths English National Curriculum 2014, 6B: Textbook. Tunbridge Wells, UK: Maths - No Problem!, 2018. Print.

---. Maths - No Problem!: Singapore Maths English National Curriculum 2014, Textbook 6A. Tunbridge Wells, UK: Maths - No Problem, 2015. Print.